APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 2

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1850.7	18607	1.4	1	0	23.33
				1	3	23.38
				1	5	23.45
				3	0	23.55
				3	1	23.53
				3	3	23.50
				6	0	22.53
	1880	18900		1	0	23.32
				1	3	23.32
				1	5	23.45
				3	0	23.26
				3	1	23.26
				3	3	23.26
				6	0	22.24
	1909.3	19193		1	0	23.60
				1	3	23.68
				1	5	23.82
				3	0	23.76
				3	1	23.72
				3	3	23.71
				6	0	22.71
16QAM	1850.7	18607		1	0	22.31
				1	3	22.31
				1	5	22.31
				3	0	22.67
				3	1	22.68
				3	3	22.67
				6	0	21.67
	1880	18900		1	0	22.68
				1	3	22.71
				1	5	22.70
				3	0	22.33
				3	1	22.23
				3	3	22.22
				6	0	21.31
	1909.3	19193		1	0	23.40
				1	3	23.36
				1	5	23.49
				3	0	22.64
				3	1	22.64
				3	3	22.59
				6	0	21.87

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	1850.7	18607	1.4	1	0	21.73
				1	3	21.85
				1	5	21.65
				3	0	21.88
				3	1	21.48
				3	3	21.92
				6	0	21.86
	1880	18900		1	0	21.31
				1	3	21.43
				1	5	21.20
				3	0	21.33
				3	1	21.31
				3	3	21.51
				6	0	21.53
	1909.3	19193		1	0	21.77
				1	3	21.84
				1	5	21.87
				3	0	21.81
				3	1	21.69
				3	3	21.86
				6	0	21.81

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1851.5	18615	3	1	0	23.32
				1	8	23.33
				1	14	23.32
				8	0	22.49
				8	4	22.44
				8	7	22.45
				15	0	22.48
	1880	18900		1	0	23.26
				1	8	23.28
				1	14	23.26
				8	0	22.27
				8	4	22.32
				8	7	22.32
				15	0	22.30
	1908.5	19185		1	0	23.52
				1	8	23.64
				1	14	23.62
				8	0	22.69
				8	4	22.62
				8	7	22.72
				15	0	22.70
16QAM	1851.5	18615		1	0	22.75
				1	8	22.78
				1	14	22.66
				8	0	21.91
				8	4	21.88
				8	7	21.89
				15	0	21.61
	1880	18900		1	0	22.48
				1	8	22.49
				1	14	22.91
				8	0	21.54
				8	4	21.48
				8	7	21.48
				15	0	21.25
	1908.5	19185		1	0	22.33
				1	8	22.55
				1	14	22.55
				8	0	21.96
				8	4	21.99
				8	7	22.00
				15	0	21.91

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	1851.5	18615	3	1	0	21.71
				1	8	21.62
				1	14	21.66
				8	0	21.62
				8	4	21.59
				8	7	21.73
				15	0	21.64
	1880	18900		1	0	21.40
				1	8	21.25
				1	14	21.27
				8	0	21.45
				8	4	21.22
				8	7	21.35
				15	0	21.32
	1908.5	19185		1	0	21.98
				1	8	21.91
				1	14	21.87
				8	0	21.84
				8	4	21.73
				8	7	21.61
				15	0	21.83

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1852.5	18625	5	1	0	23.38
				1	12	23.34
				1	24	23.25
				12	0	22.49
				12	7	22.47
				12	13	22.47
				25	0	22.53
	1880	18900		1	0	23.27
				1	12	23.39
				1	24	23.38
				12	0	22.27
				12	7	22.29
				12	13	22.29
				25	0	22.23
	1907.5	19175		1	0	23.59
				1	12	23.71
				1	24	23.58
				12	0	22.68
				12	7	22.79
				12	13	22.79
				25	0	22.74
16QAM	1852.5	18625		1	0	21.77
				1	12	21.72
				1	24	21.82
				12	0	21.62
				12	7	21.58
				12	13	21.58
				25	0	21.70
	1880	18900		1	0	22.28
				1	12	22.31
				1	24	22.31
				12	0	21.29
				12	7	21.27
				12	13	21.27
				25	0	21.33
	1907.5	19175		1	0	22.62
				1	12	22.70
				1	24	22.70
				12	0	21.73
				12	7	21.66
				12	13	21.66
				25	0	21.78

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	1852.5	18625	5	1	0	21.70
				1	12	21.34
				1	24	21.46
				12	0	21.65
				12	7	21.62
				12	13	21.47
				25	0	21.51
	1880	18900		1	0	21.33
				1	12	21.35
				1	24	21.43
				12	0	21.29
				12	7	21.42
				12	13	21.35
				25	0	21.34
	1907.5	19175		1	0	21.78
				1	12	21.78
				1	24	21.81
				12	0	21.72
				12	7	21.71
				12	13	21.90
				25	0	21.69

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1855	18650	10	1	0	23.39
				1	25	23.28
				1	49	23.27
				25	0	22.52
				25	12	22.39
				25	25	22.39
				50	0	22.50
	1880	18900		1	0	23.23
				1	25	23.40
				1	49	23.46
				25	0	22.23
				25	12	22.36
				25	25	22.36
				50	0	22.31
	1905	19150		1	0	23.60
				1	25	23.71
				1	49	23.70
				25	0	22.58
				25	12	22.64
				25	25	22.64
				50	0	22.78
16QAM	1855	18650		1	0	22.73
				1	25	22.63
				1	49	22.64
				25	0	21.54
				25	12	21.50
				25	25	21.50
				50	0	21.60
	1880	18900		1	0	22.48
				1	25	22.57
				1	49	22.56
				25	0	21.53
				25	12	21.56
				25	25	21.55
				50	0	21.51
	1905	19150		1	0	22.23
				1	25	22.35
				1	49	22.25
				25	0	21.96
				25	12	21.98
				25	25	21.99
				50	0	21.83

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	1855	18650	10	1	0	21.48
				1	25	21.21
				1	49	21.43
				25	0	21.32
				25	12	21.61
				25	25	21.49
				50	0	21.42
	1880	18900		1	0	21.52
				1	25	21.55
				1	49	21.32
				25	0	21.45
				25	12	21.54
				25	25	21.29
				50	0	21.53
	1905	19150		1	0	21.83
				1	25	21.76
				1	49	21.87
				25	0	21.91
				25	12	21.88
				25	25	21.82
				50	0	21.78

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1857.5	18675	15	1	0	23.50
				1	37	23.15
				1	74	23.13
				36	0	22.44
				36	29	22.41
				36	30	22.40
				75	0	22.36
	1880	18900		1	0	23.20
				1	37	23.36
				1	74	23.35
				36	0	22.25
				36	29	22.43
				36	30	22.42
				75	0	22.38
	1902.5	19125		1	0	23.49
				1	37	23.65
				1	74	23.63
				36	0	22.55
				36	29	22.76
				36	30	22.75
				75	0	22.65
16QAM	1857.5	18675		1	0	22.93
				1	37	22.69
				1	74	22.68
				36	0	21.58
				36	29	21.40
				36	30	21.40
				75	0	21.54
	1880	18900		1	0	22.44
				1	37	22.60
				1	74	22.61
				36	0	21.52
				36	29	21.54
				36	30	21.54
				75	0	21.48
	1902.5	19125		1	0	23.07
				1	37	23.18
				1	74	23.18
				36	0	21.65
				36	29	21.86
				36	30	21.85
				75	0	21.78

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	1857.5	18675	15	1	0	21.54
				1	37	21.34
				1	74	21.65
				36	0	21.53
				36	29	21.58
				36	30	21.47
				75	0	21.52
	1880	18900		1	0	21.48
				1	37	21.41
				1	74	21.38
				36	0	21.42
				36	29	21.52
				36	30	21.39
				75	0	21.45
	1902.5	19125		1	0	21.69
				1	37	21.73
				1	74	21.76
				36	0	21.72
				36	29	21.69
				36	30	21.82
				75	0	21.72

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1860	18700	20	1	0	23.59
				1	49	23.17
				1	99	23.30
				50	0	22.48
				50	24	22.32
				50	50	22.32
				100	0	22.27
	1880	18900		1	0	23.44
				1	49	23.70
				1	99	23.70
				50	0	22.39
				50	24	22.38
				50	50	22.38
				100	0	22.44
	1900	19100		1	0	23.50
				1	49	23.77
				1	99	23.75
				50	0	22.70
				50	24	22.74
				50	50	22.74
				100	0	22.62
16QAM	1860	18700		1	0	22.70
				1	49	22.39
				1	99	22.39
				50	0	21.62
				50	24	21.41
				50	50	21.41
				100	0	21.47
	1880	18900		1	0	22.32
				1	49	22.61
				1	99	22.61
				50	0	21.44
				50	24	21.54
				50	50	21.53
				100	0	21.55
	1900	19100		1	0	23.23
				1	49	23.55
				1	99	23.40
				50	0	21.74
				50	24	21.80
				50	50	21.80
				100	0	21.81

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
64QAM	1860	18700	20	1	0	21.40
				1	49	21.46
				1	99	21.39
				50	0	21.48
				50	24	21.45
				50	50	21.42
				100	0	21.70
	1880	18900		1	0	21.48
				1	49	21.54
				1	99	21.56
				50	0	21.48
				50	24	21.57
				50	50	21.52
				100	0	21.67
	1900	19100		1	0	21.73
				1	49	21.83
				1	99	21.85
				50	0	21.63
				50	24	21.79
				50	50	21.74
				100	0	21.82

2 Occupied Bandwidth

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
2	1850.7	18607	1.4	6	0	1.087	Fig.1	1.083	Fig.2	1.091	Fig.3
	1880	18900		6	0	1.083	Fig.4	1.087	Fig.5	1.091	Fig.6
	1909.3	19193		6	0	1.078	Fig.7	1.078	Fig.8	1.083	Fig.9
	1851.5	18615	3	15	0	2.688	Fig.10	2.697	Fig.11	2.679	Fig.12
	1880	18900		15	0	2.679	Fig.13	2.679	Fig.14	2.679	Fig.15
	1908.5	19185		15	0	2.697	Fig.16	2.688	Fig.17	2.679	Fig.18
	1852.5	18625	5	25	0	4.466	Fig.19	4.451	Fig.20	4.466	Fig.21
	1880	18900		25	0	4.466	Fig.22	4.466	Fig.23	4.466	Fig.24
	1907.5	19175		25	0	4.466	Fig.25	4.466	Fig.26	4.466	Fig.27
	1855	18650	10	50	0	8.931	Fig.28	8.931	Fig.29	8.931	Fig.30
	1880	18900		50	0	8.931	Fig.31	8.961	Fig.32	8.931	Fig.33
	1905	19150		50	0	8.931	Fig.34	8.931	Fig.35	8.931	Fig.36
	1857.5	18675	15	75	0	13.442	Fig.37	13.442	Fig.38	13.442	Fig.39
	1880	18900		75	0	13.397	Fig.40	13.442	Fig.41	13.487	Fig.42
	1902.5	19125		75	0	13.442	Fig.43	13.487	Fig.44	13.442	Fig.45
	1860	18700	20	100	0	17.922	Fig.46	17.922	Fig.47	17.862	Fig.48
	1880	18900		100	0	17.922	Fig.49	17.862	Fig.50	17.862	Fig.51
	1900	19100		100	0	17.862	Fig.52	17.862	Fig.53	17.922	Fig.54

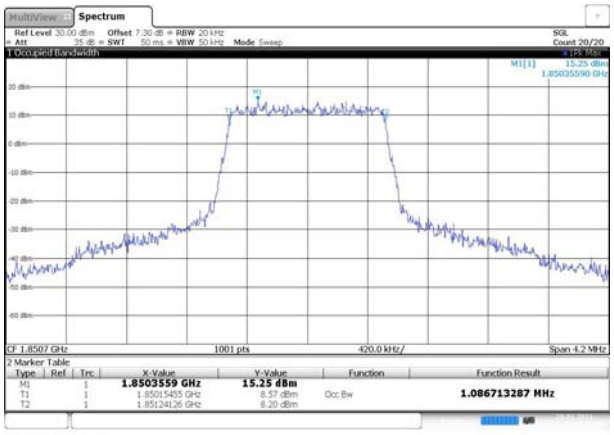


Fig.1

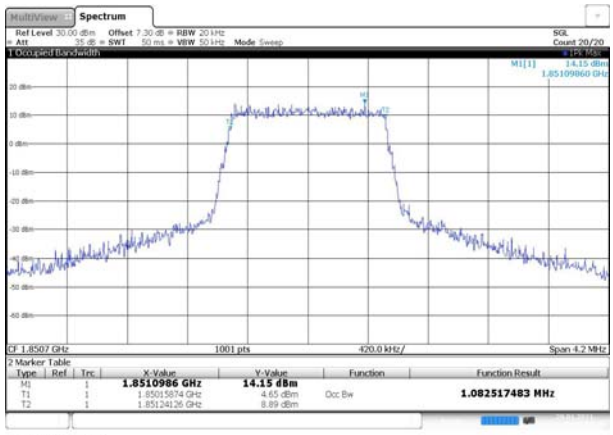


Fig.2

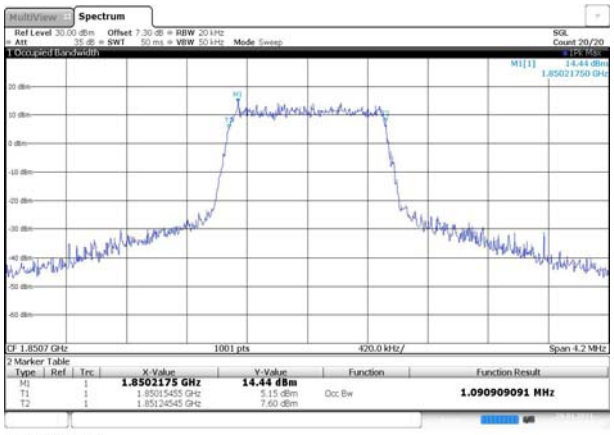


Fig.3

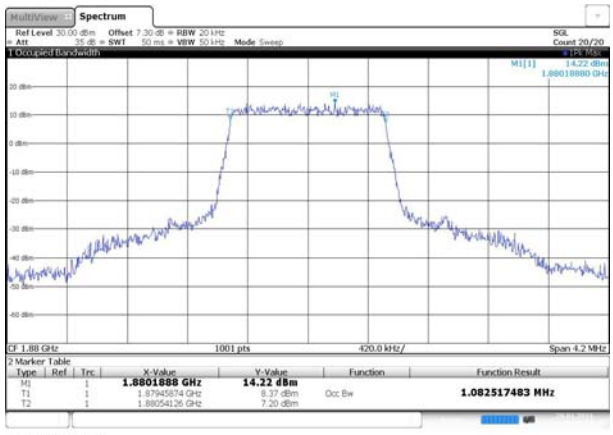


Fig.4

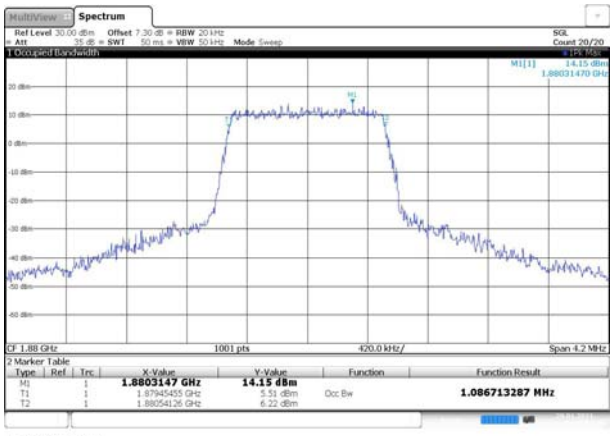


Fig.5

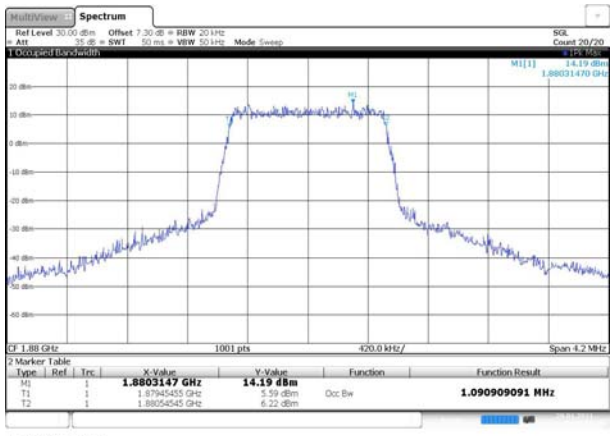


Fig.6

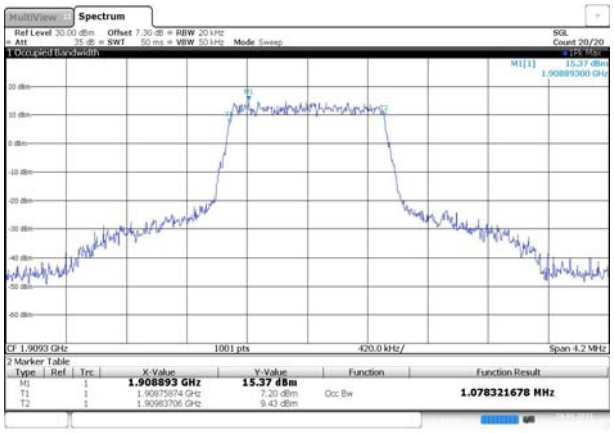


Fig.7

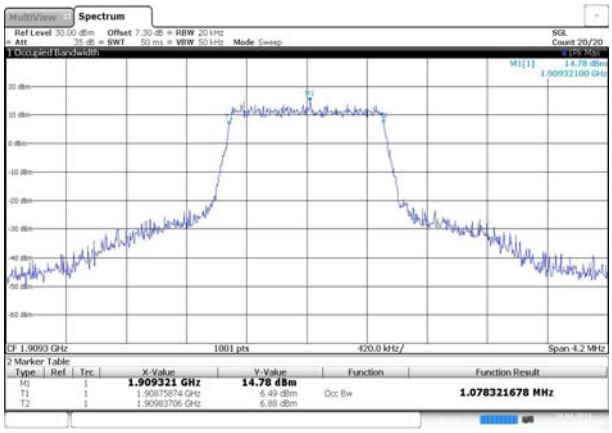


Fig.8

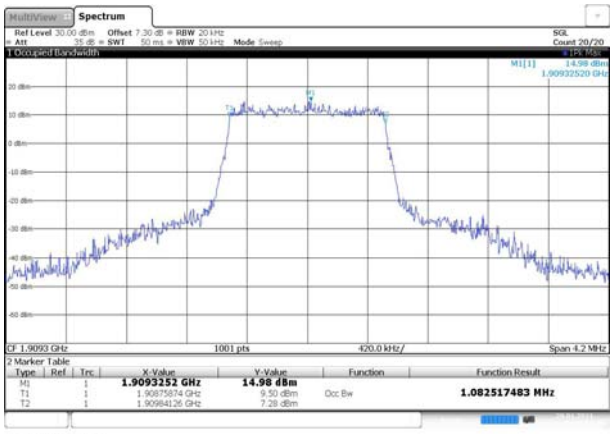


Fig.9

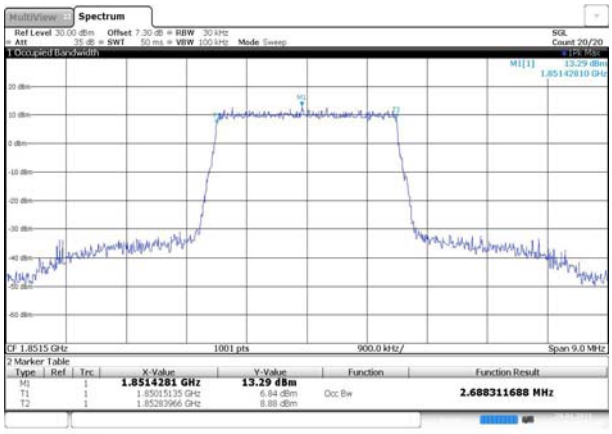


Fig.10

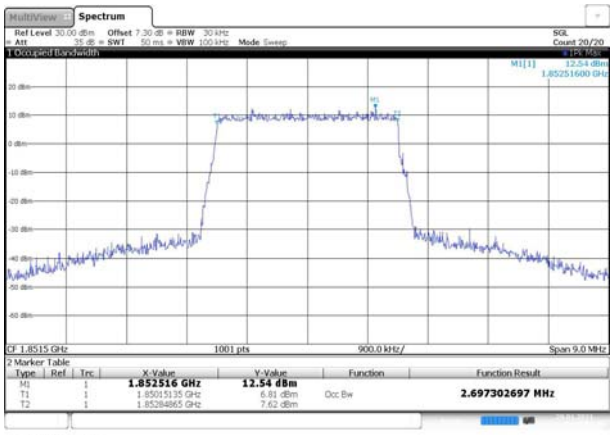


Fig.11

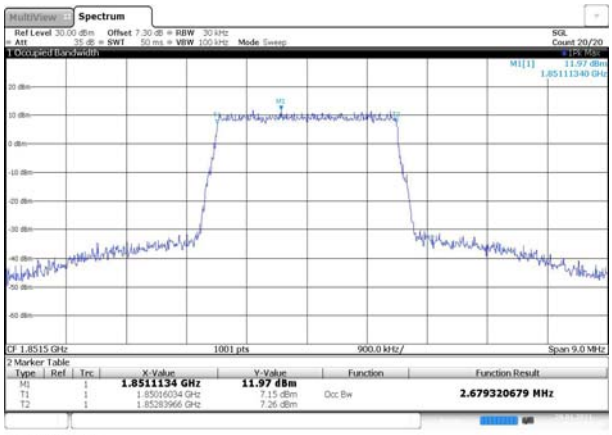


Fig.12

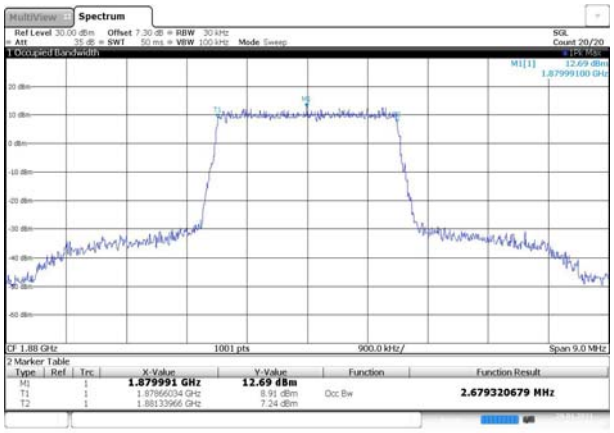


Fig.13

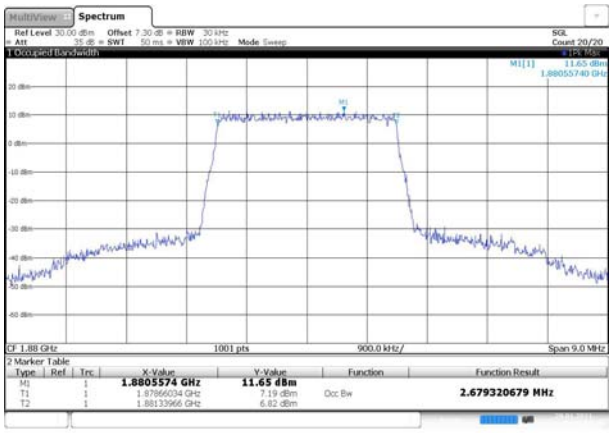


Fig.14

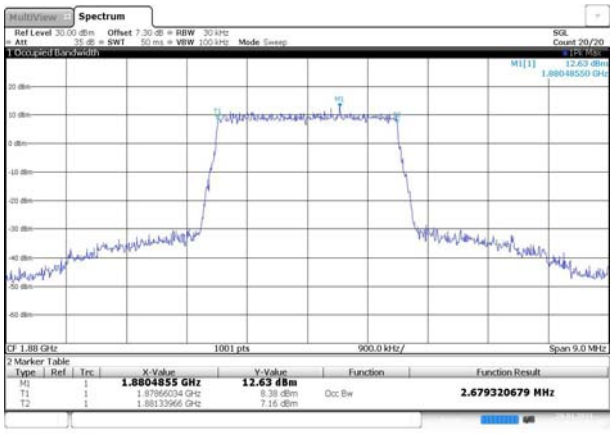


Fig.15

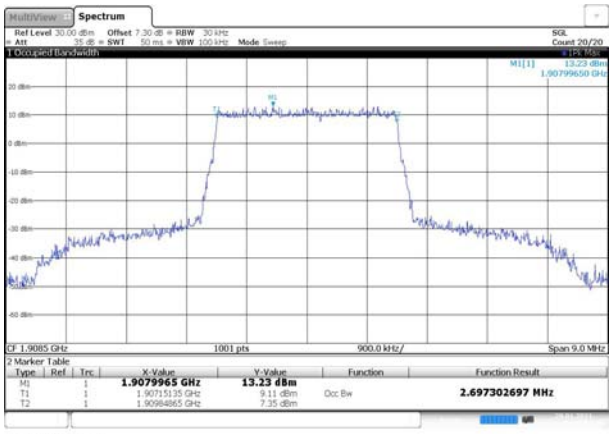


Fig.16

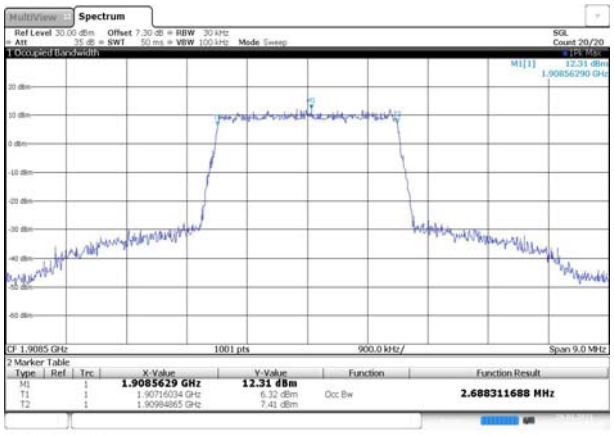


Fig.17

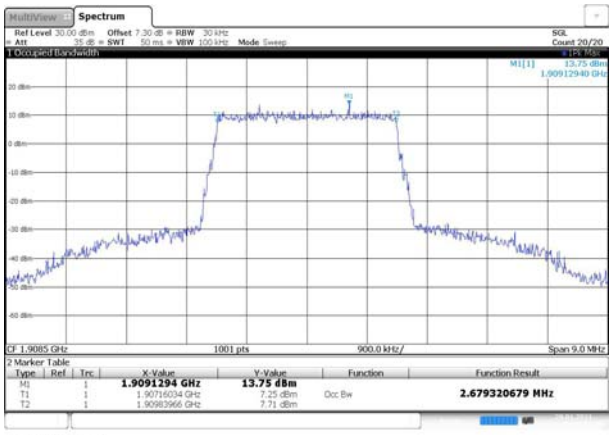


Fig.18

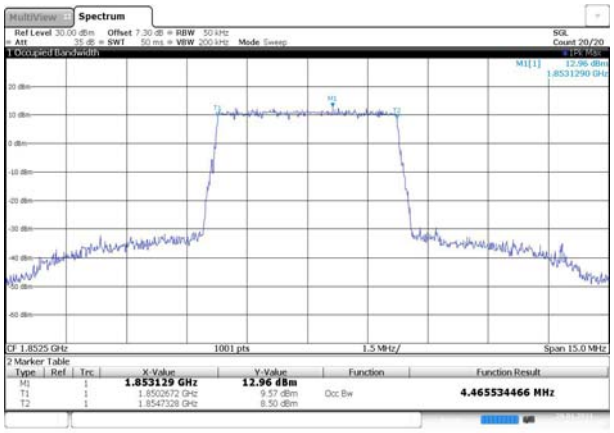


Fig.19

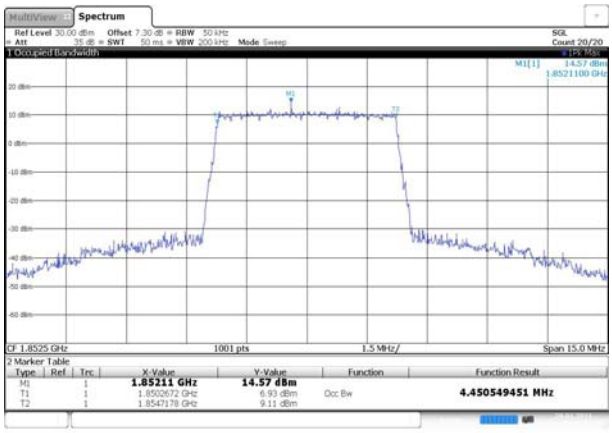
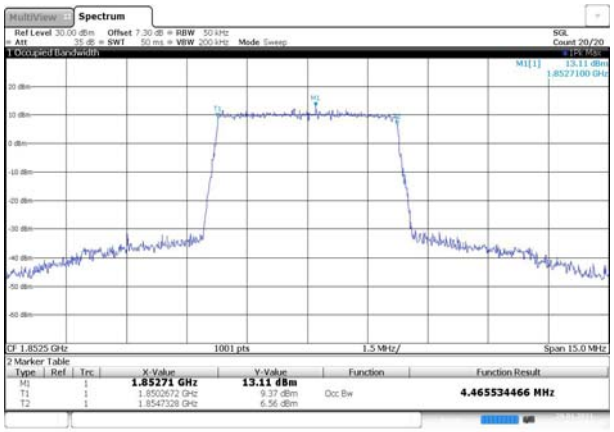


Fig.20



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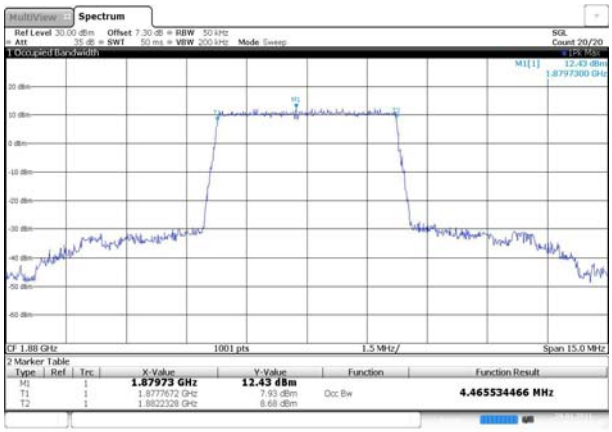

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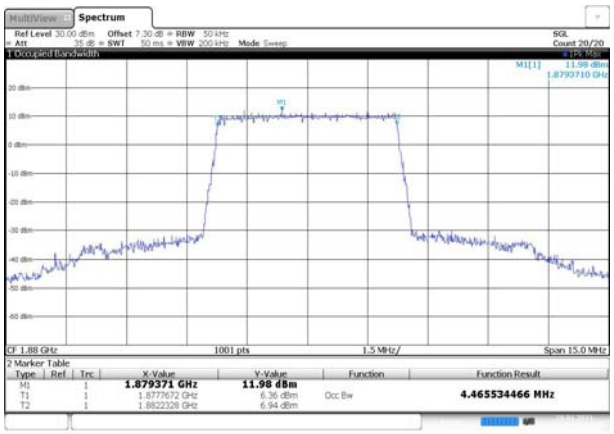

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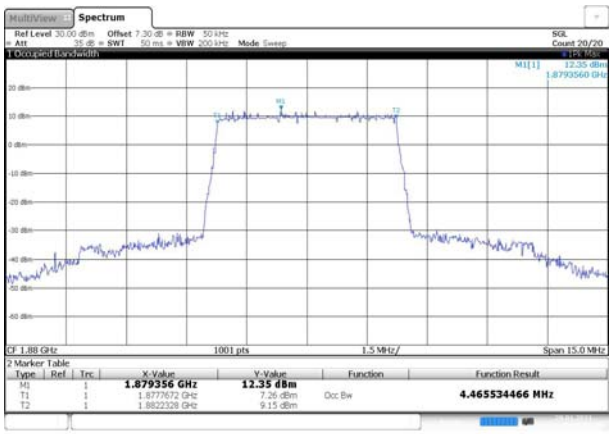

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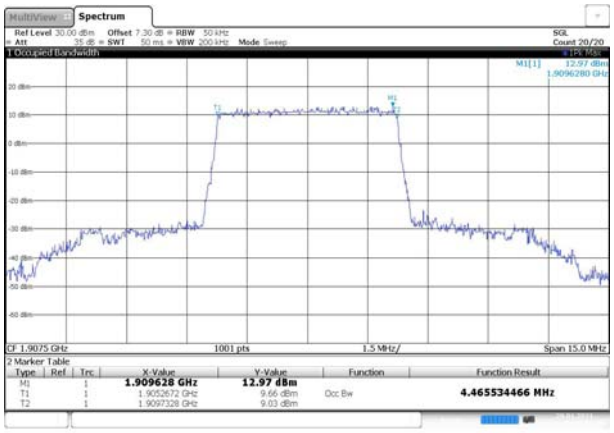


Fig.25

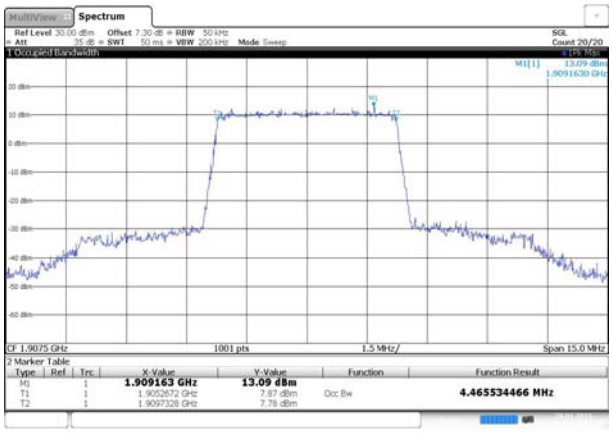


Fig.26

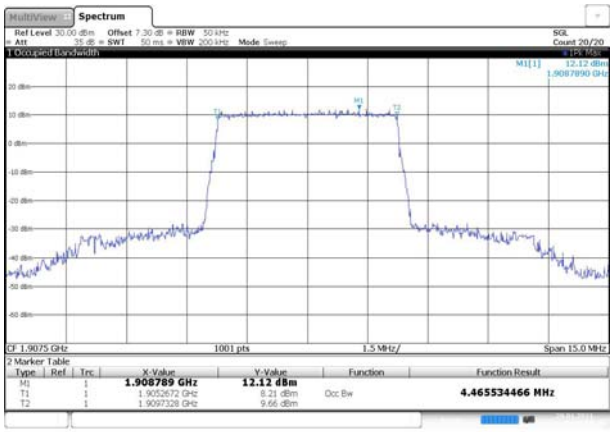


Fig.27

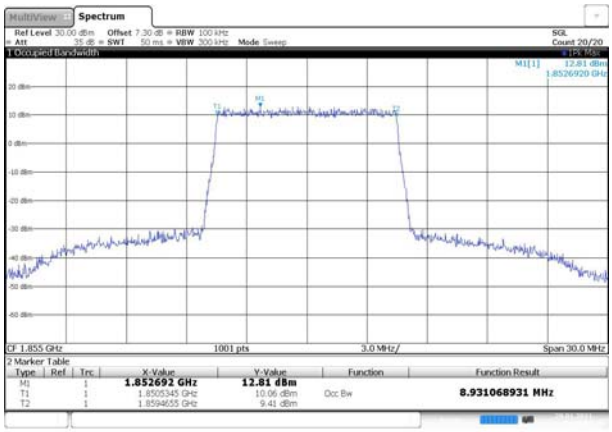
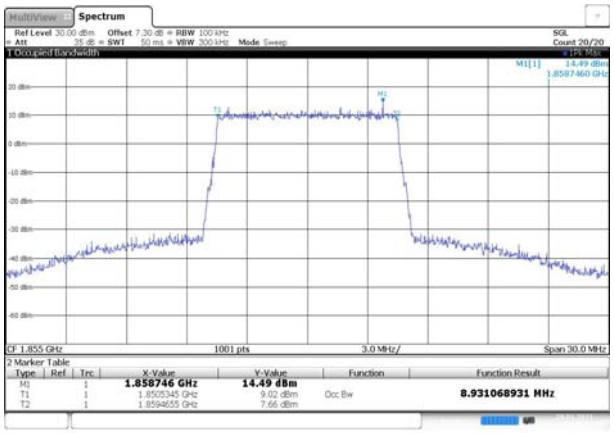


Fig.28



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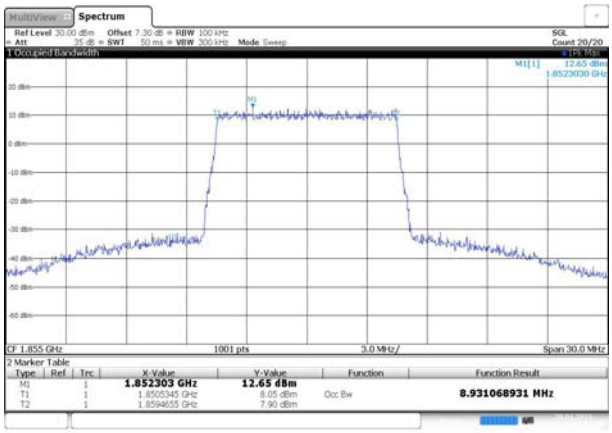
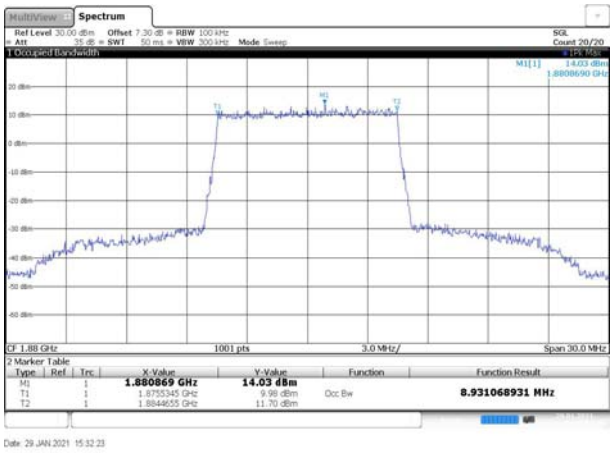


Fig.30



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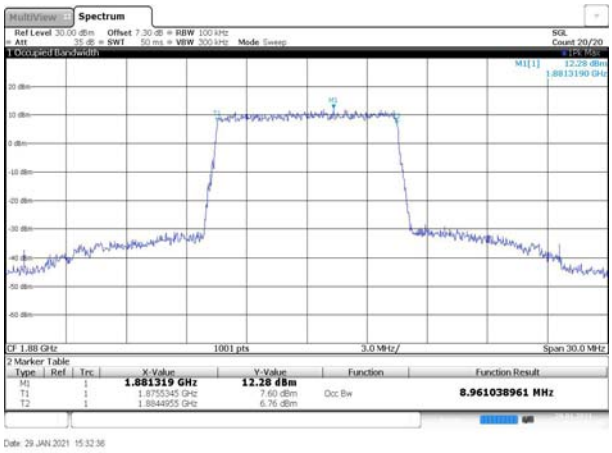

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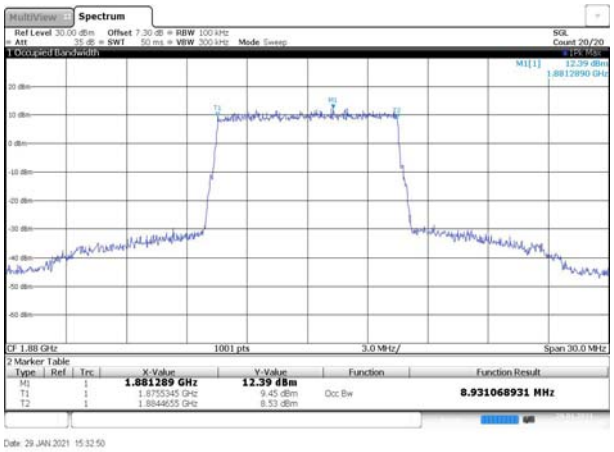


Fig.33

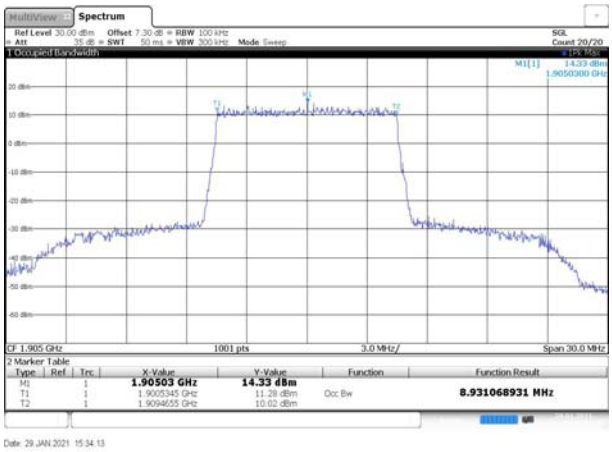


Fig.34

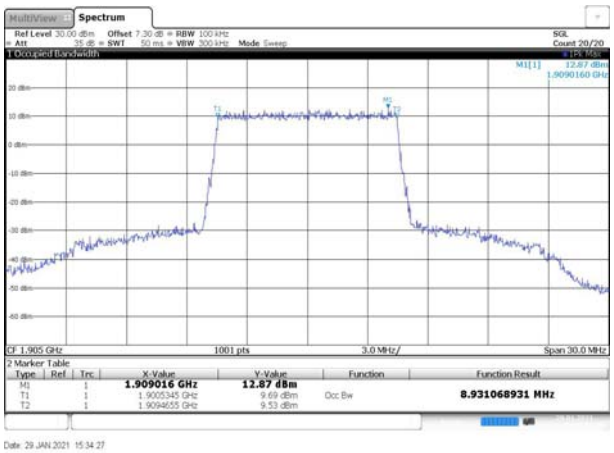


Fig.35

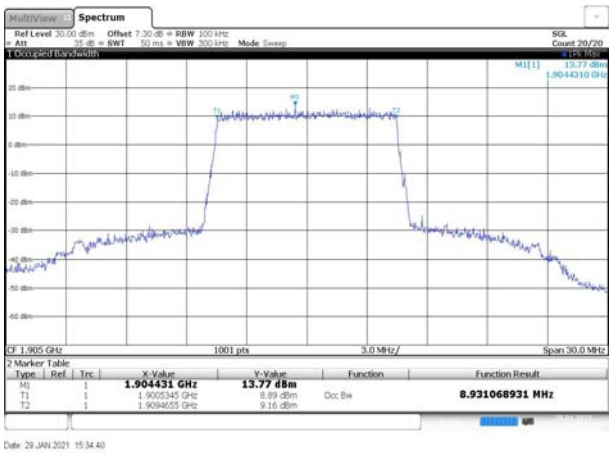


Fig.36

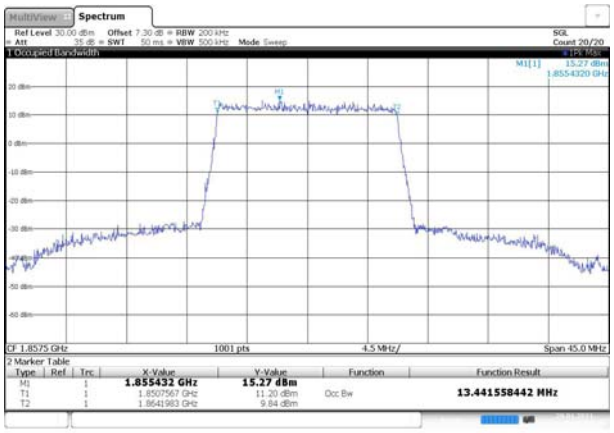


Fig.37

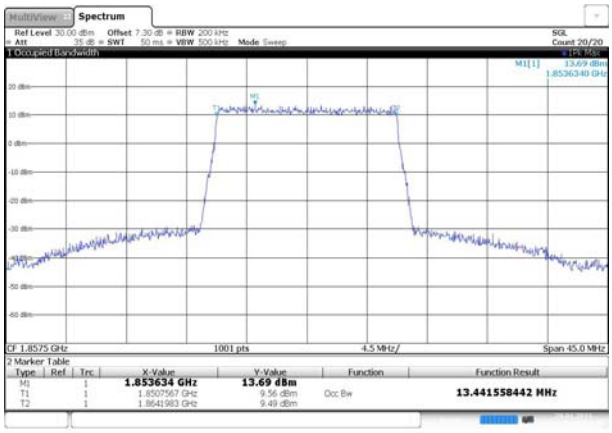


Fig.38

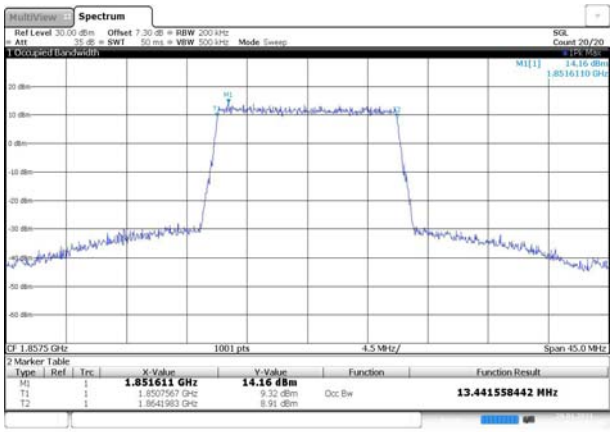


Fig.39

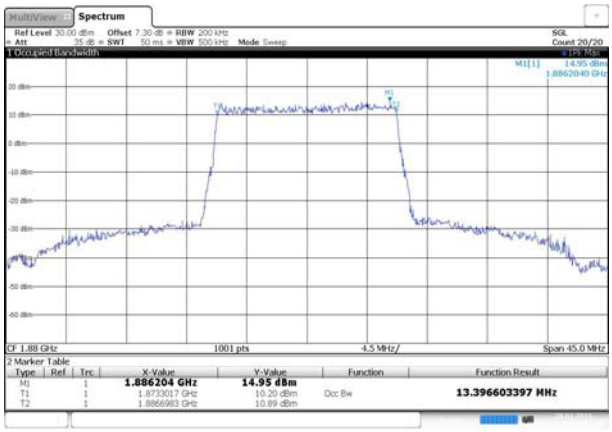


Fig.40

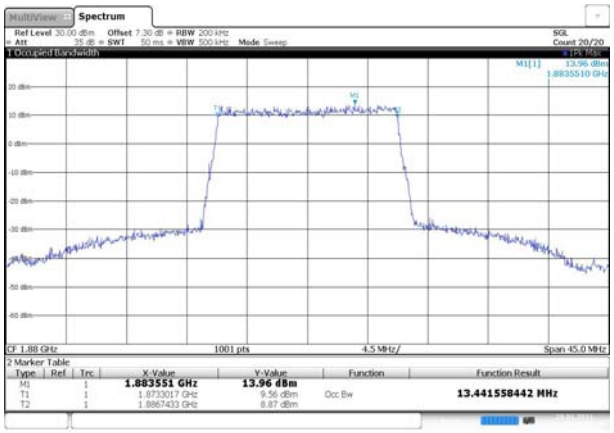


Fig.41

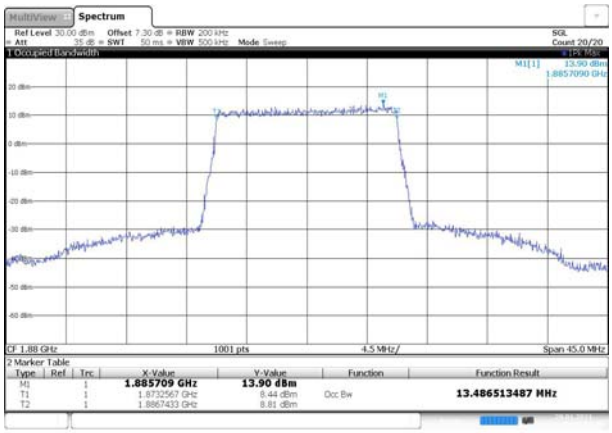
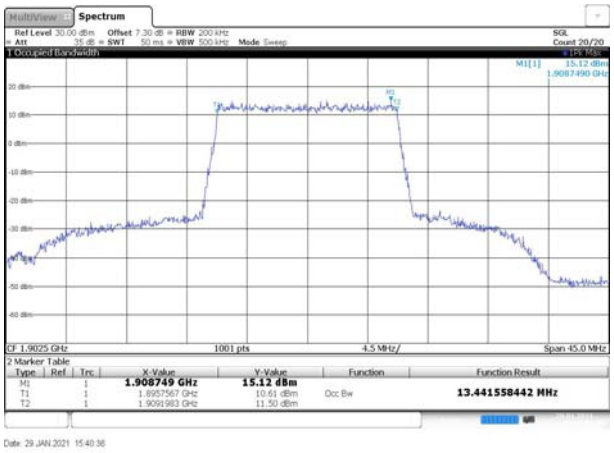


Fig.42



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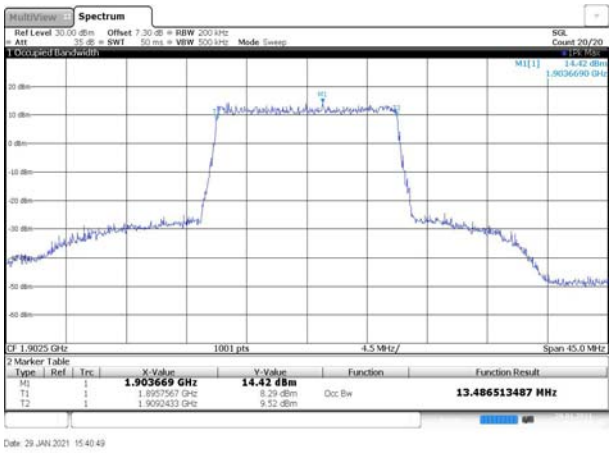


Fig.44

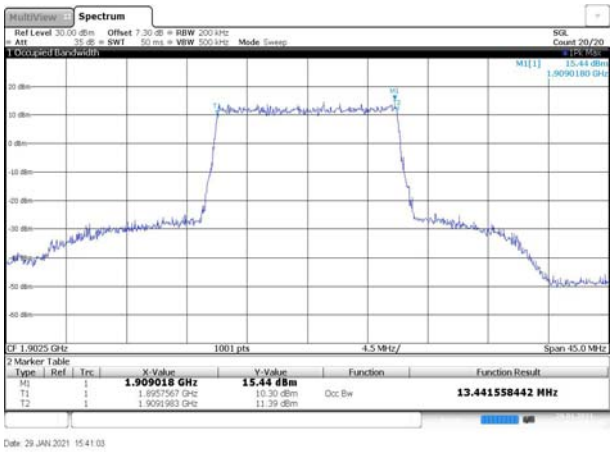


Fig.45

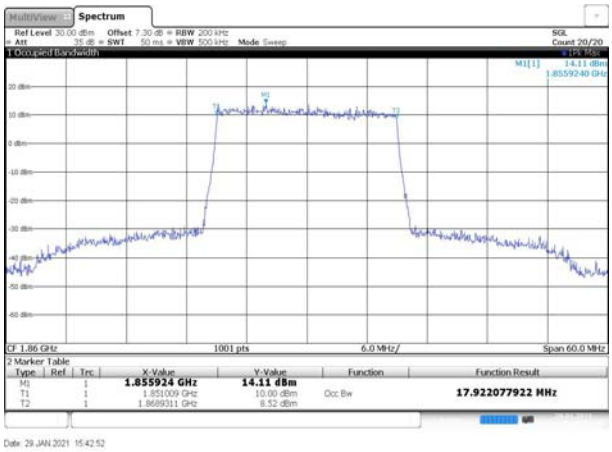
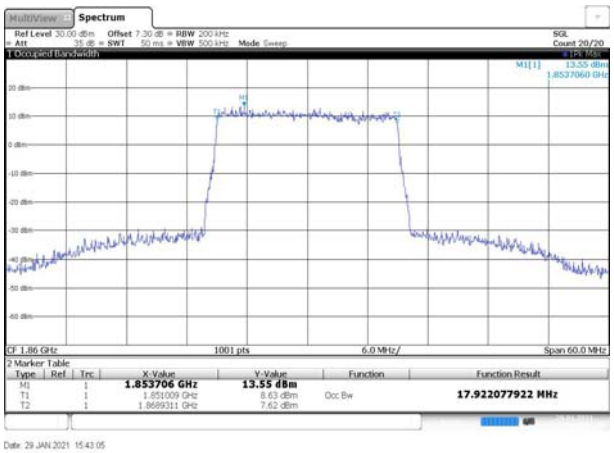


Fig.46



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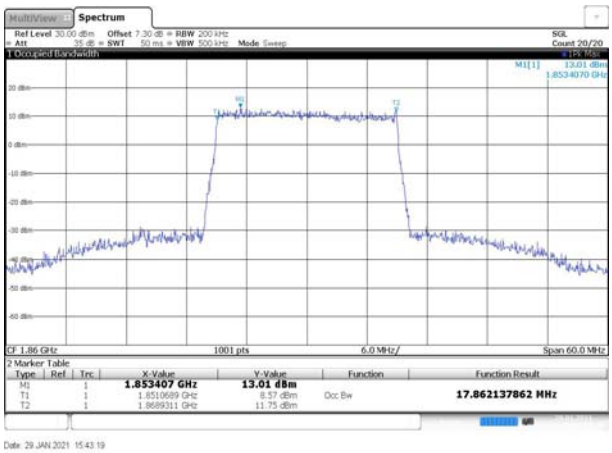

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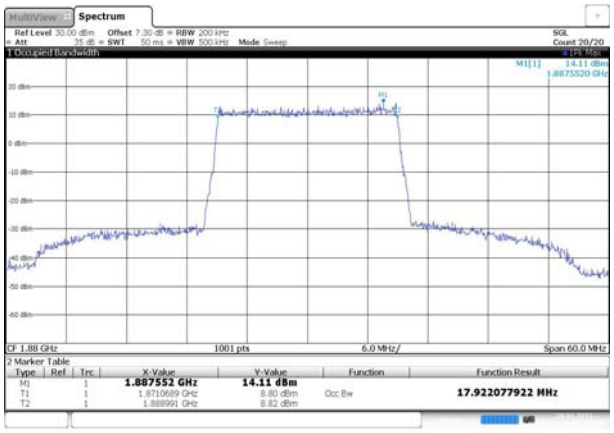


Fig.49

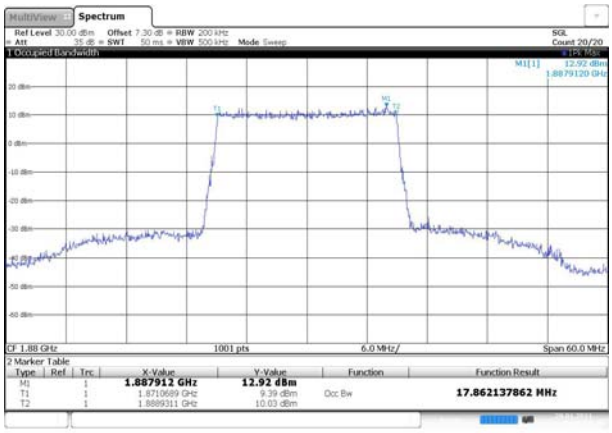


Fig.50

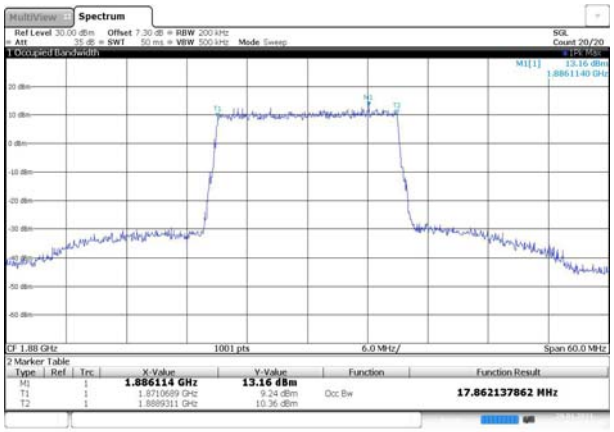


Fig.51

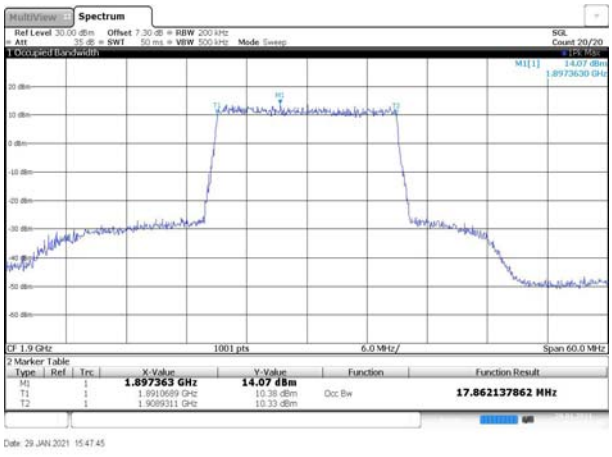


Fig.52

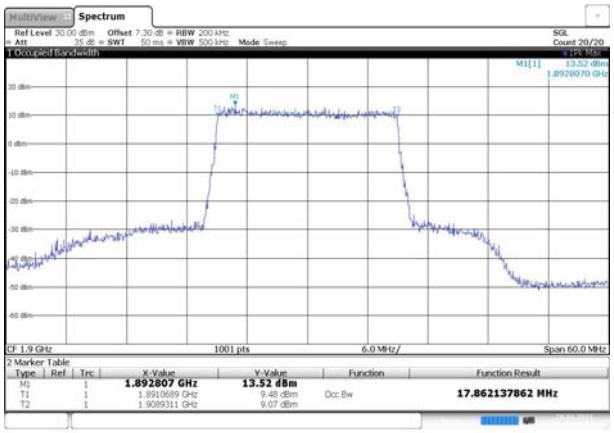


Fig.53

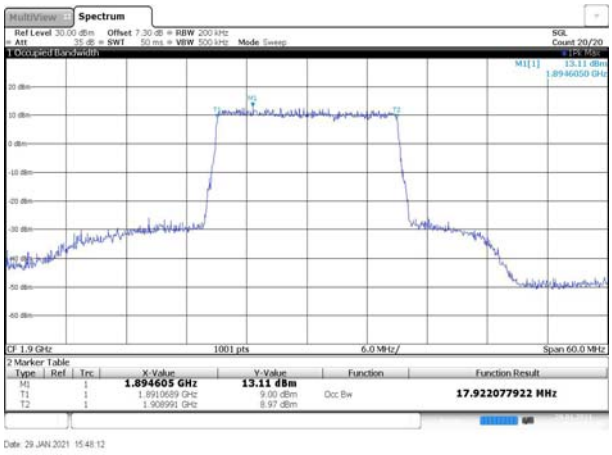


Fig.54

3 Emission Bandwidth

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)					
						QPSK		16-QAM		64-QAM	
2	1850.7	18607	1.4	6	0	1.225	Fig.1	1.225	Fig.2	1.229	Fig.3
	1880	18900		6	0	1.234	Fig.4	1.234	Fig.5	1.234	Fig.6
	1909.3	19193		6	0	1.234	Fig.7	1.225	Fig.8	1.221	Fig.9
	1851.5	18615	3	15	0	2.994	Fig.10	2.985	Fig.11	2.985	Fig.12
	1880	18900		15	0	2.976	Fig.13	2.985	Fig.14	2.967	Fig.15
	1908.5	19185		15	0	2.976	Fig.16	2.967	Fig.17	2.985	Fig.18
	1852.5	18625	5	25	0	4.885	Fig.19	4.900	Fig.20	4.855	Fig.21
	1880	18900		25	0	4.810	Fig.22	4.870	Fig.23	4.885	Fig.24
	1907.5	19175		25	0	4.840	Fig.25	4.885	Fig.26	4.870	Fig.27
	1855	18650	10	50	0	9.650	Fig.28	9.530	Fig.29	9.710	Fig.30
	1880	18900		50	0	9.680	Fig.31	9.650	Fig.32	9.680	Fig.33
	1905	19150		50	0	9.620	Fig.34	9.710	Fig.35	9.710	Fig.36
	1857.5	18675	15	75	0	14.700	Fig.37	14.790	Fig.38	14.700	Fig.39
	1880	18900		75	0	14.610	Fig.40	14.790	Fig.41	14.790	Fig.42
	1902.5	19125		75	0	14.745	Fig.43	14.565	Fig.44	14.565	Fig.45
	1860	18700	20	100	0	19.121	Fig.46	19.241	Fig.47	19.301	Fig.48
	1880	18900		100	0	19.301	Fig.49	19.481	Fig.50	19.301	Fig.51
	1900	19100		100	0	19.540	Fig.52	19.301	Fig.53	19.241	Fig.54

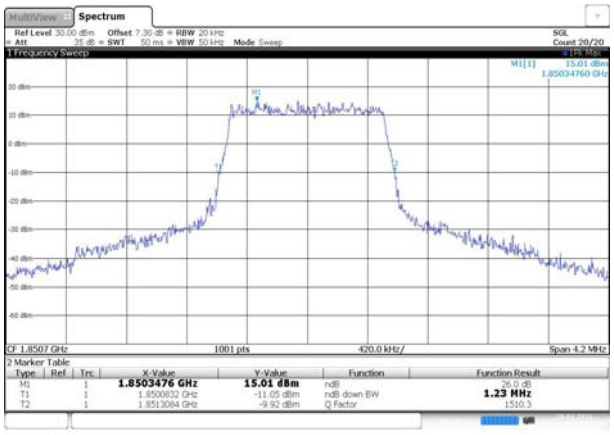


Fig.1

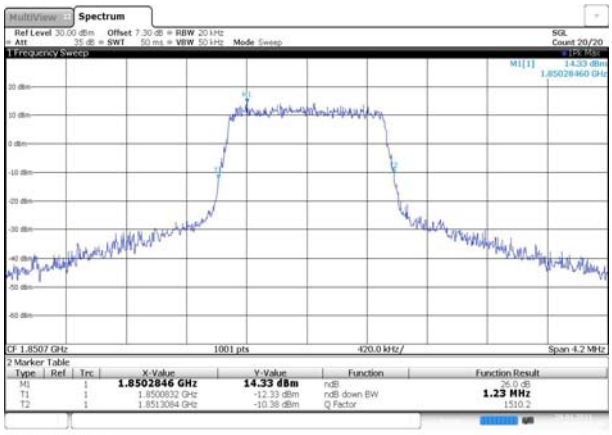


Fig.2

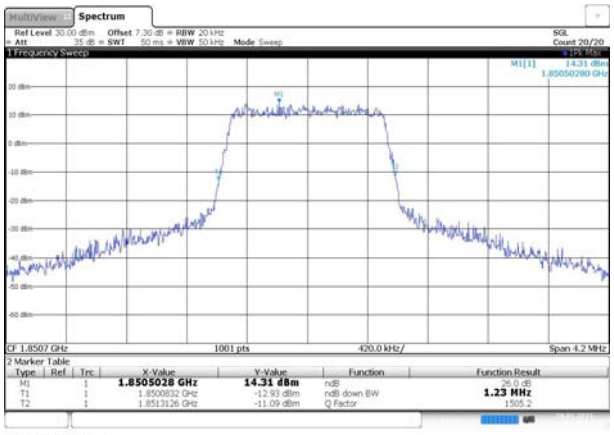


Fig.3

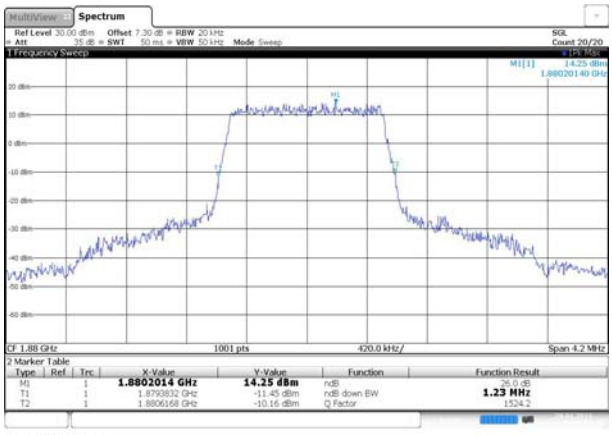


Fig.4

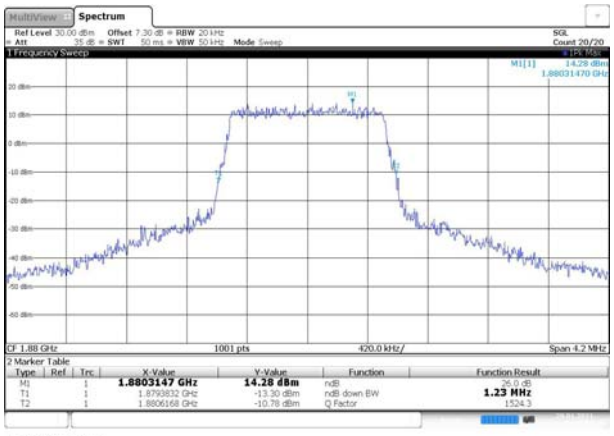


Fig.5

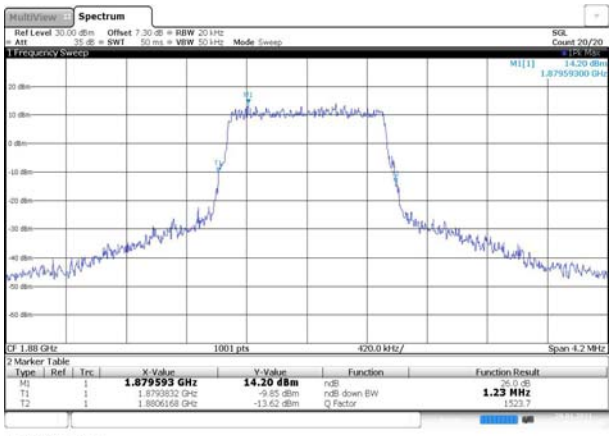


Fig.6

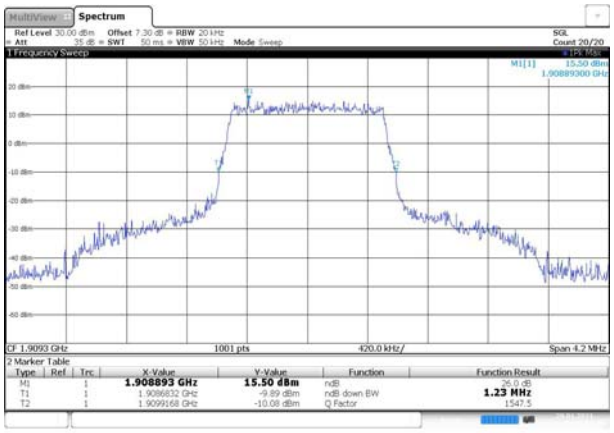


Fig.7

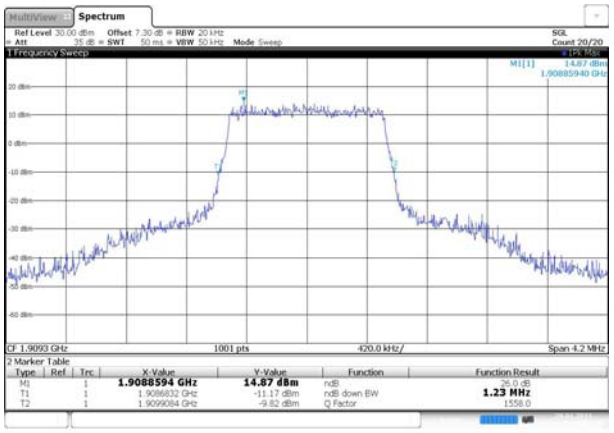


Fig.8

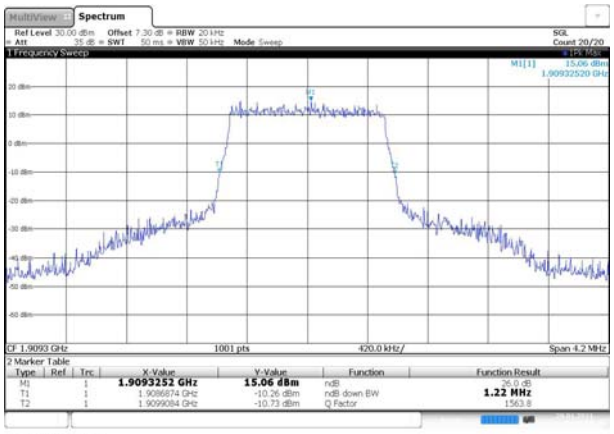


Fig.9

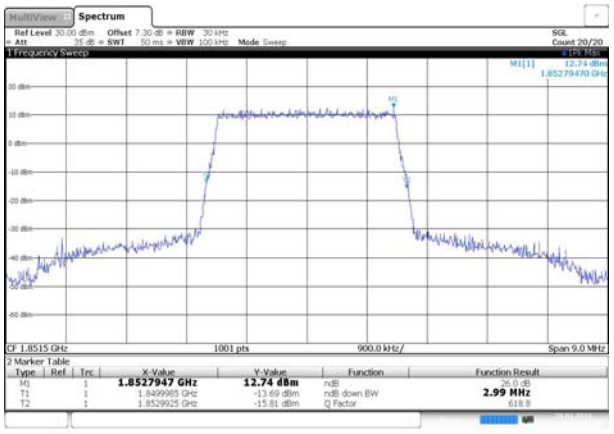


Fig.10

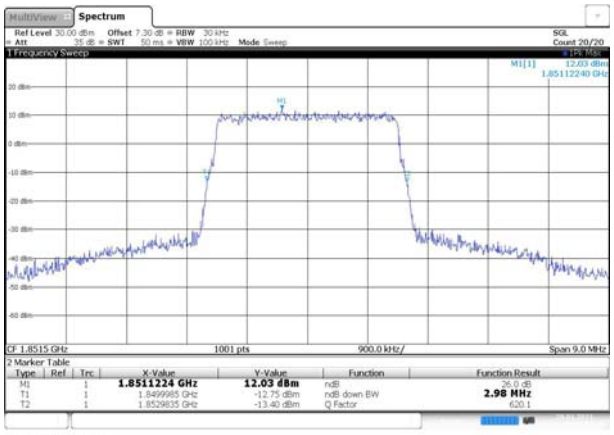


Fig.11

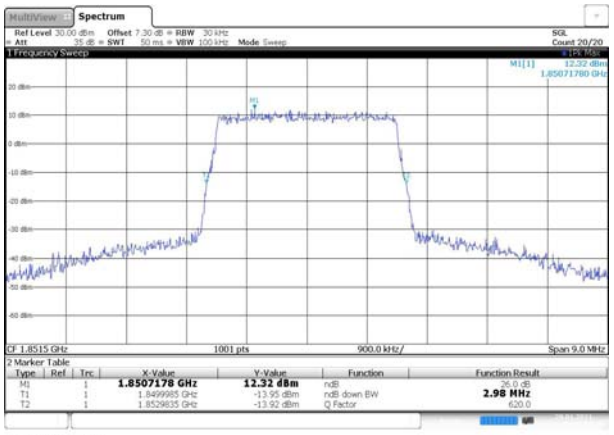


Fig.12

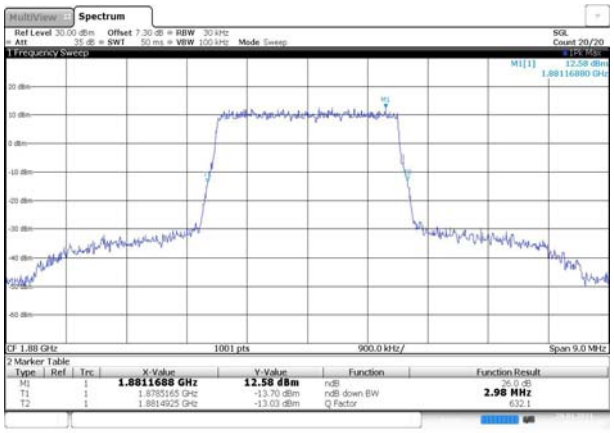


Fig.13

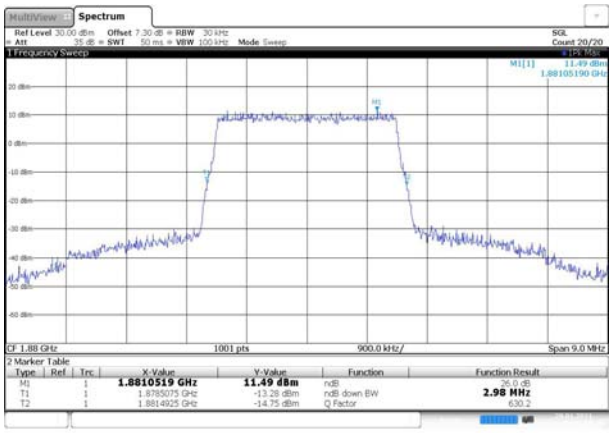


Fig.14

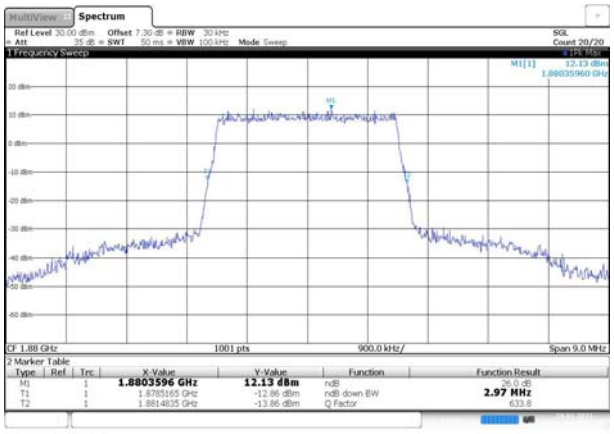


Fig.15

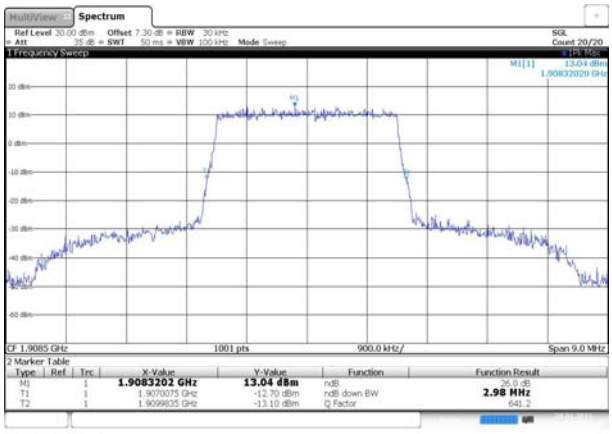


Fig.16

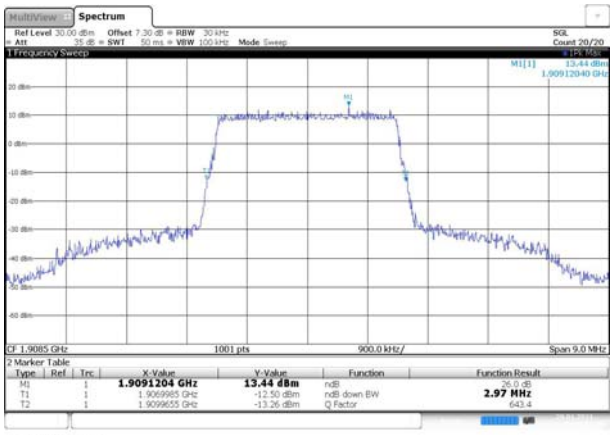


Fig.17

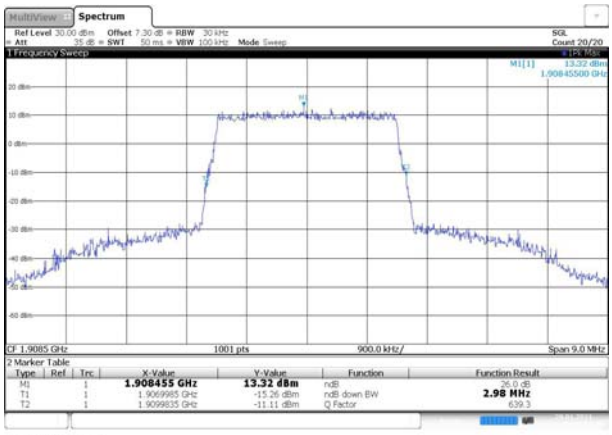


Fig.18

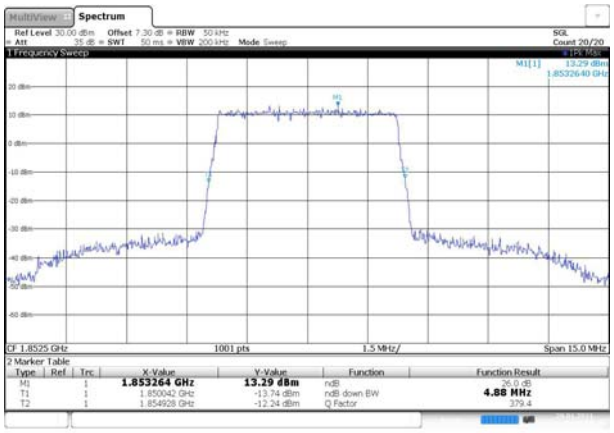


Fig.19

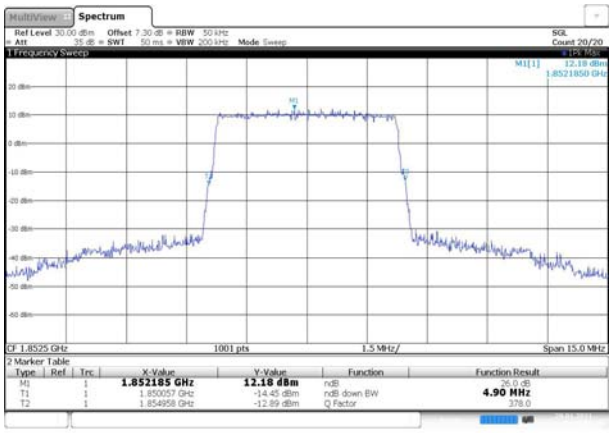


Fig.20

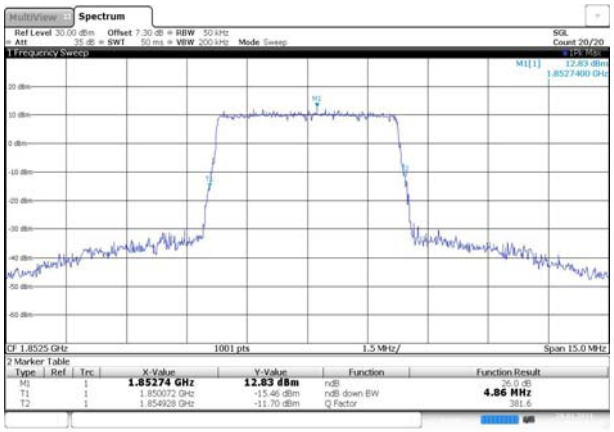


Fig.21

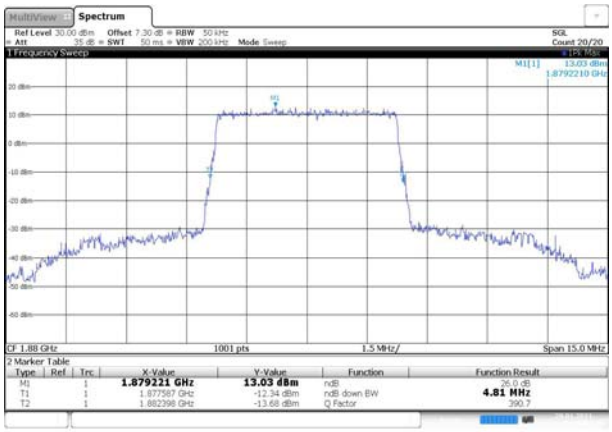
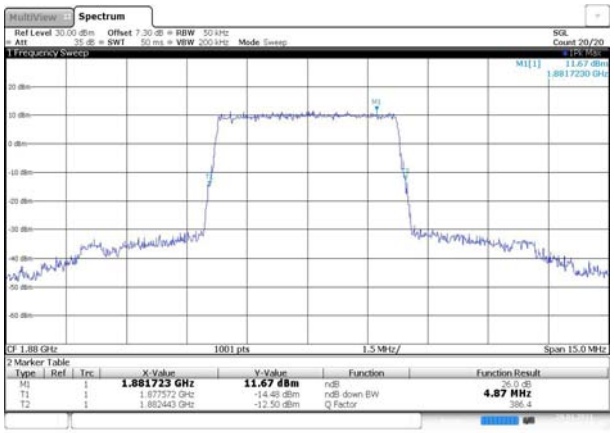


Fig.22



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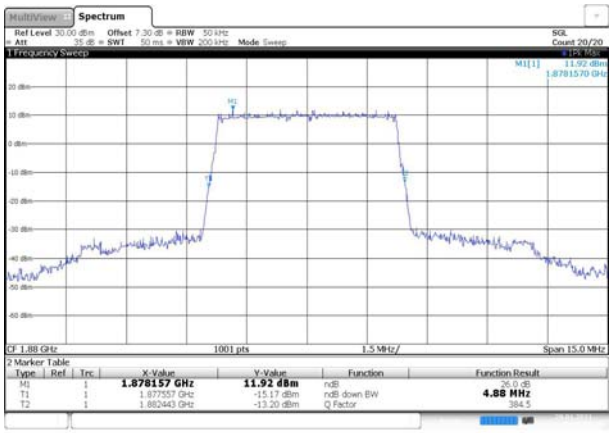


Fig.24

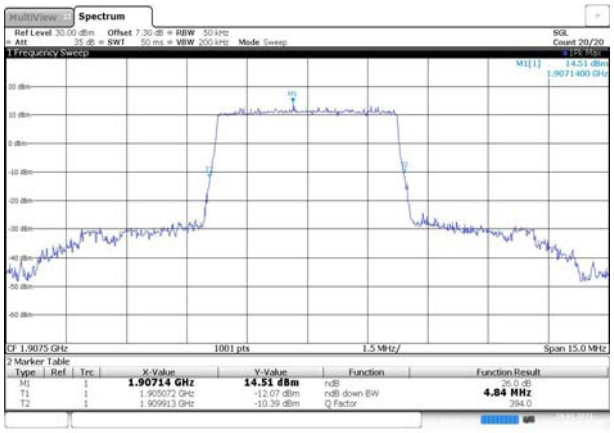


Fig.25

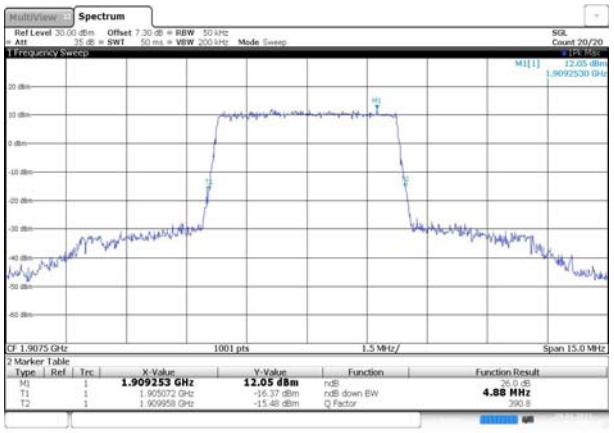


Fig.26

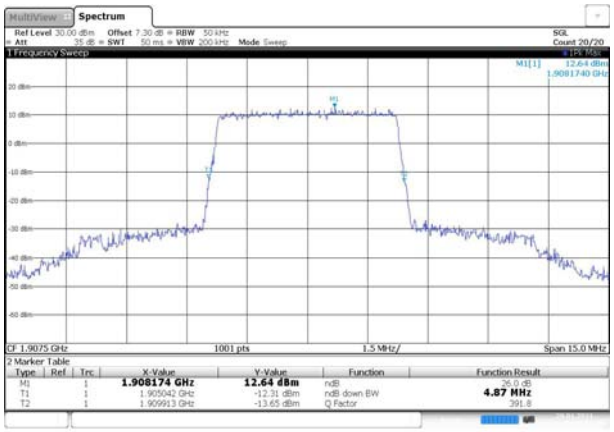


Fig.27

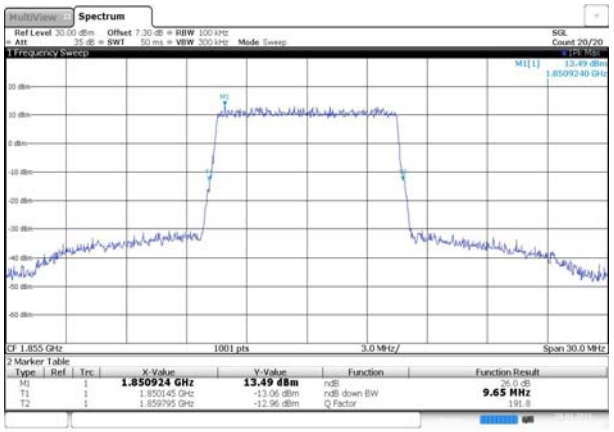


Fig.28

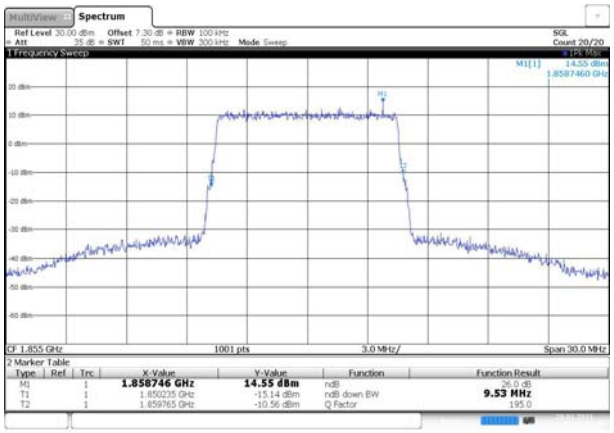


Fig.29

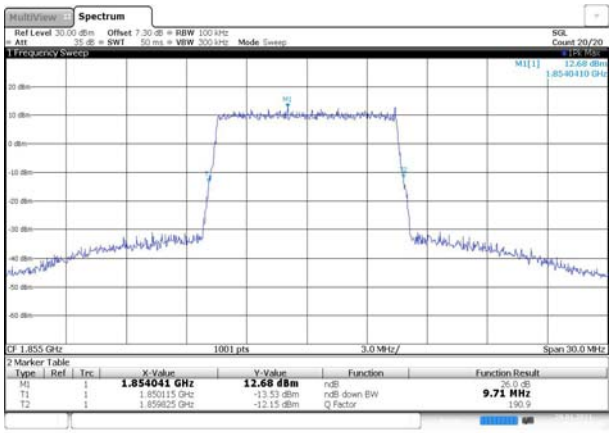


Fig.30

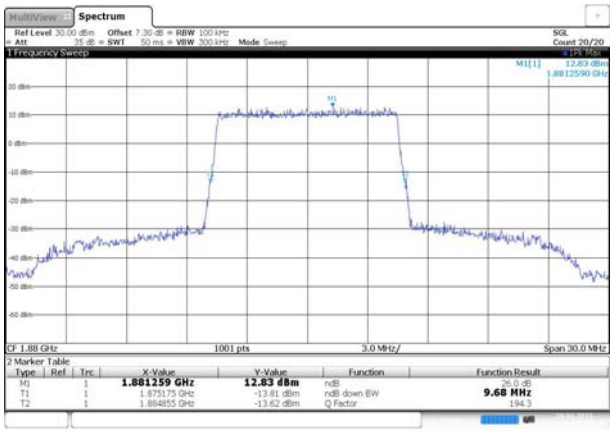


Fig.31

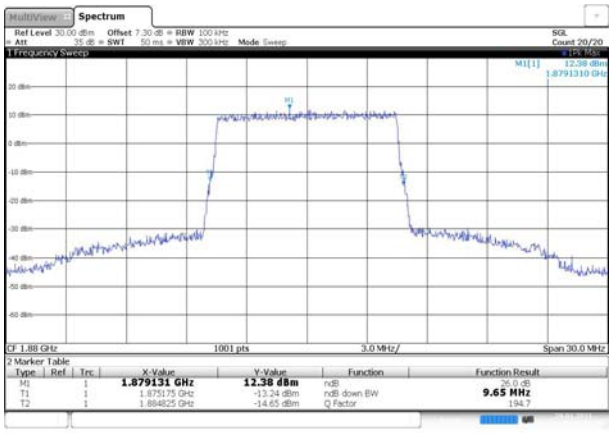


Fig.32

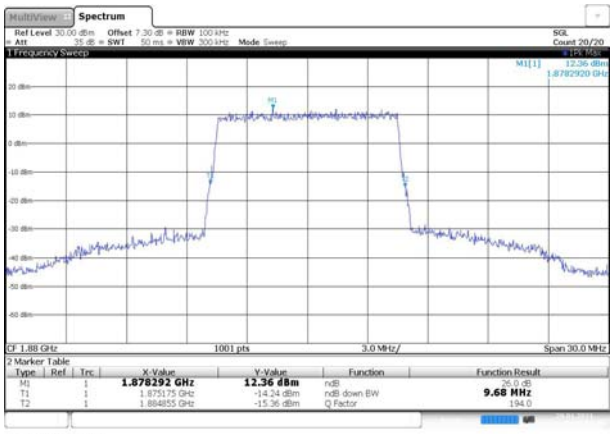


Fig.33

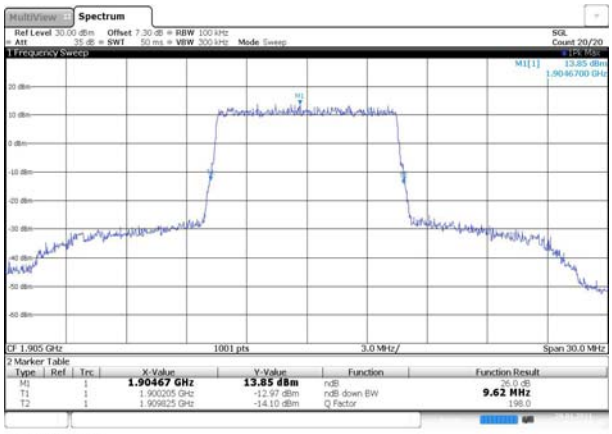


Fig.34

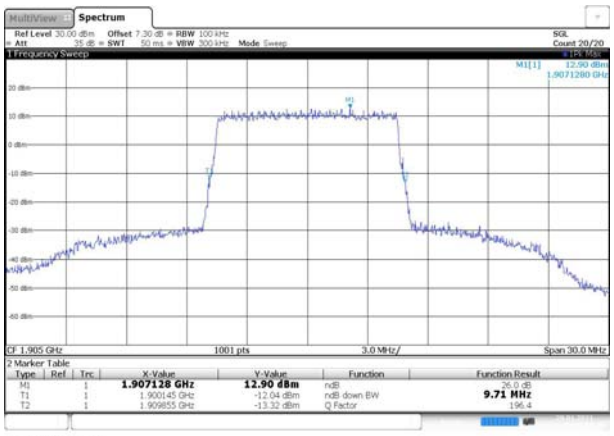


Fig.35

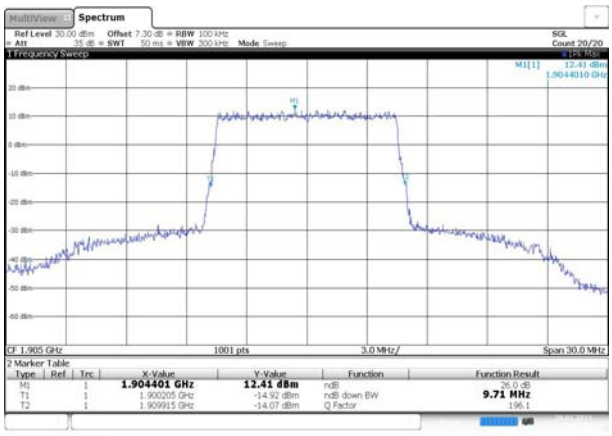


Fig.36

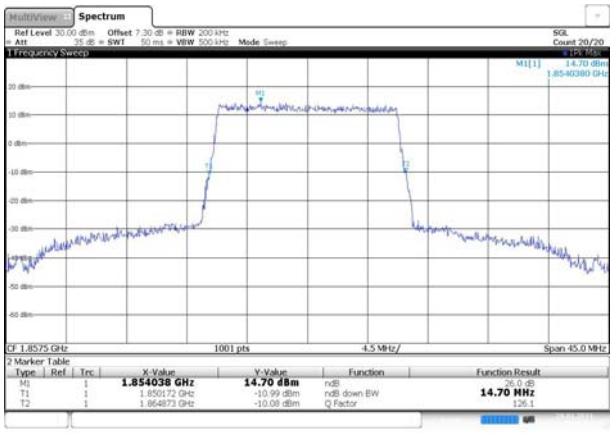


Fig.37

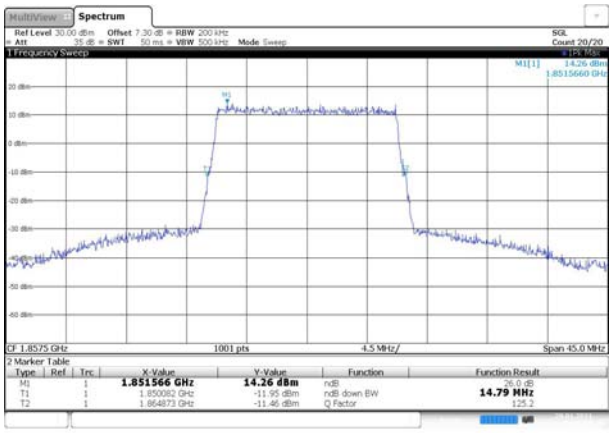


Fig.38

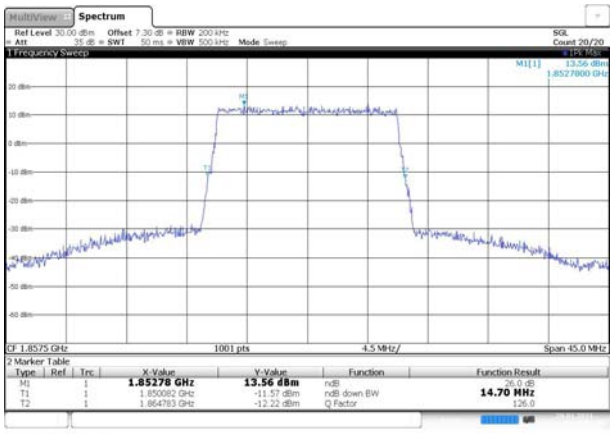


Fig.39

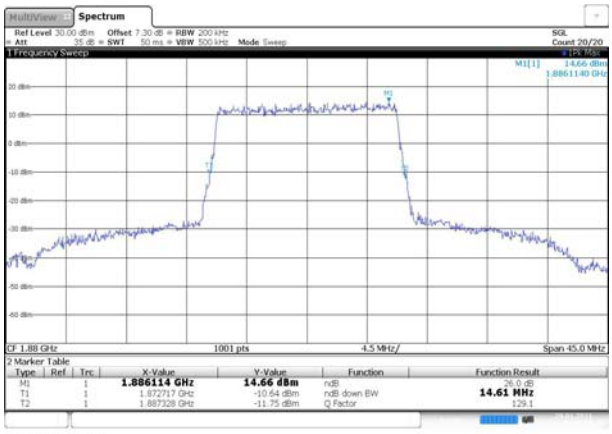


Fig.40

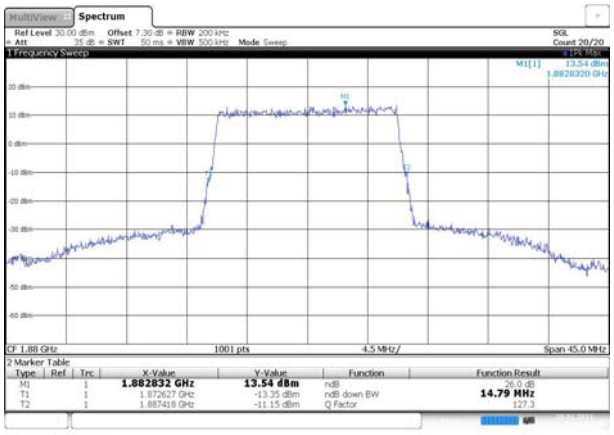


Fig.41

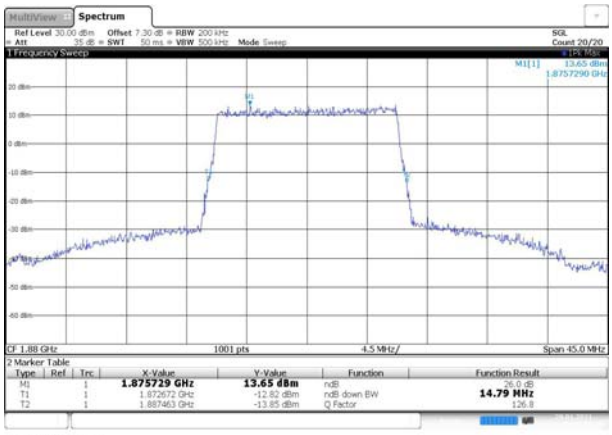


Fig.42

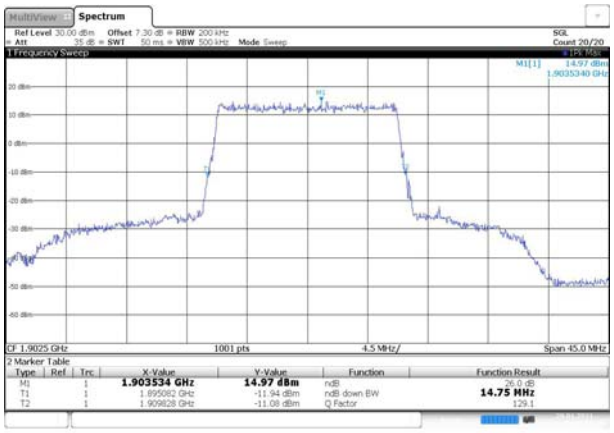


Fig.43

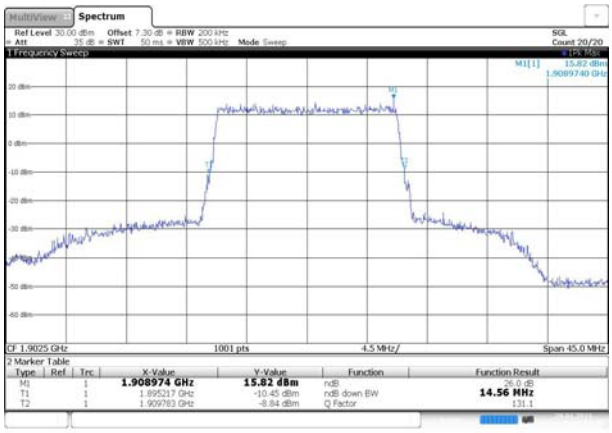


Fig.44

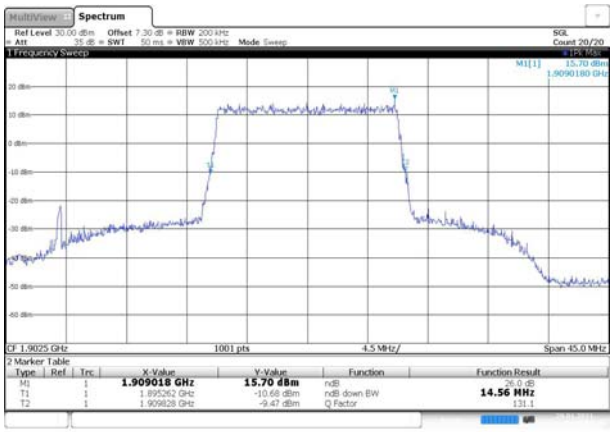


Fig.45

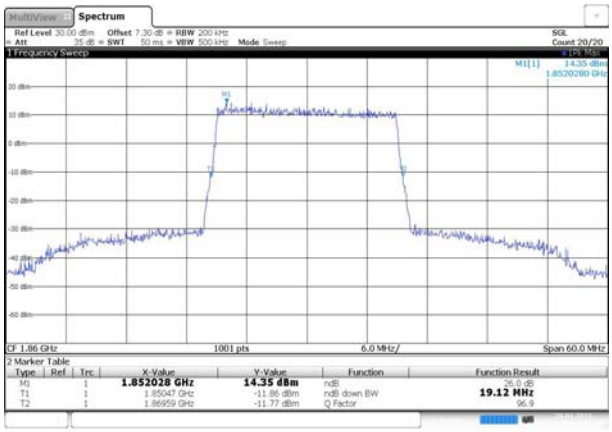


Fig.46

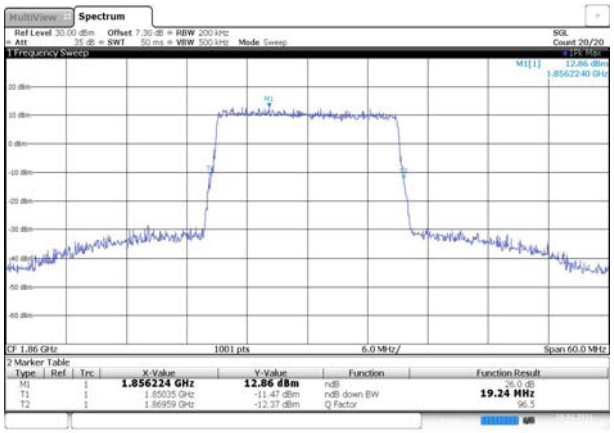


Fig.47

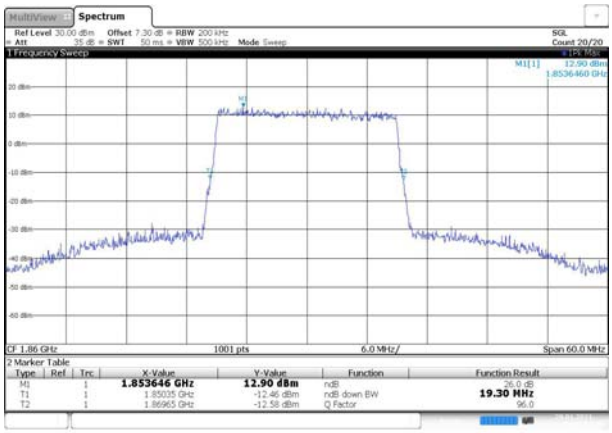


Fig.48

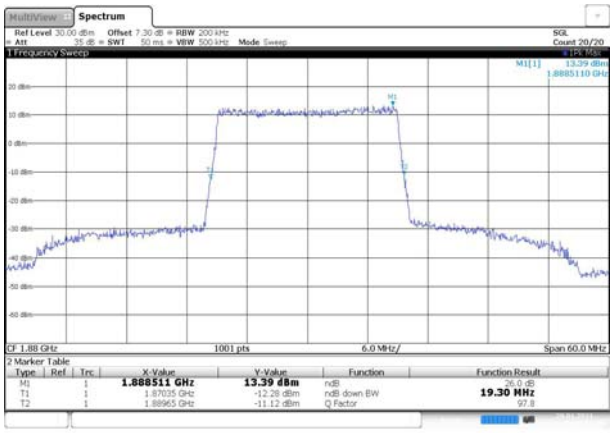


Fig.49

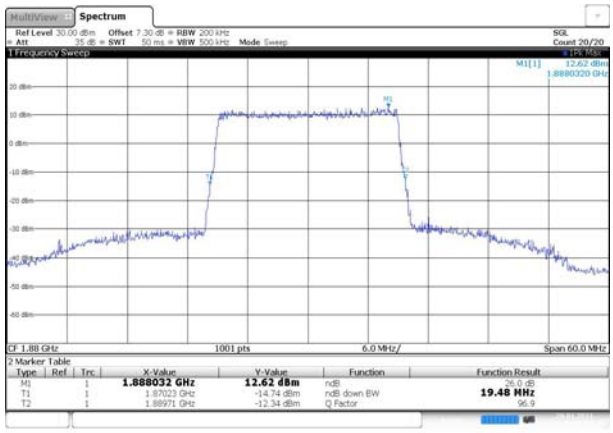


Fig.50

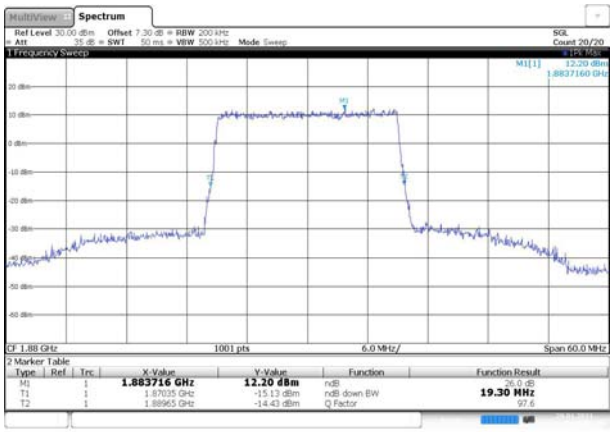


Fig.51

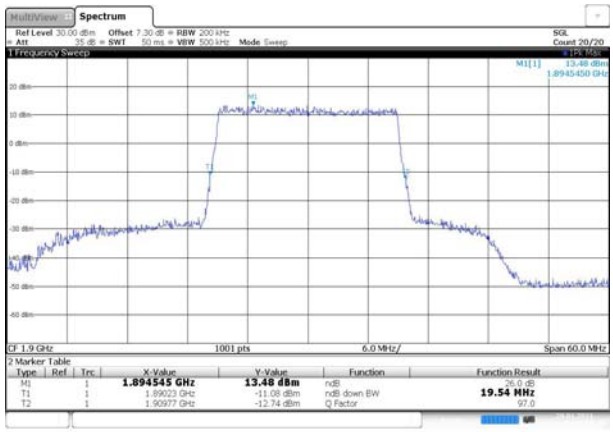


Fig.52

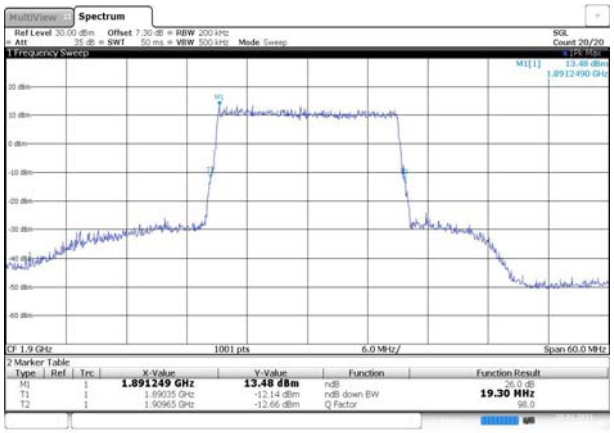


Fig.53

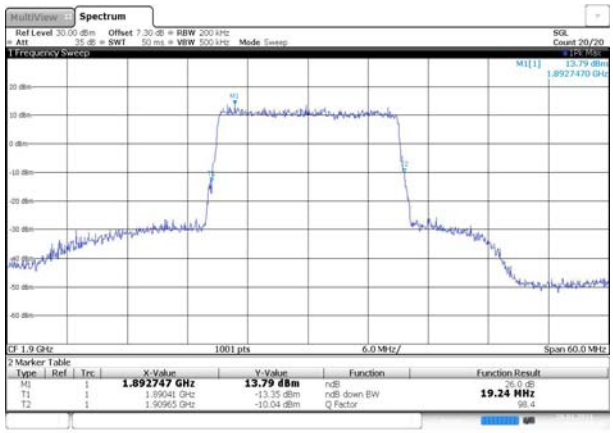


Fig.54

4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
2	1850.7	18607	1.4	1	5	Fig.1	Fig.2	Fig.3
	1850.7	18607		6	0	Fig.4	Fig.5	Fig.6
	1880	18900		1	5	Fig.7	Fig.8	Fig.9
	1880	18900		6	0	Fig.10	Fig.11	Fig.12
	1909.3	19193		1	5	Fig.13	Fig.14	Fig.15
	1909.3	19193		6	0	Fig.16	Fig.17	Fig.18
	1851.5	18615	3	1	14	Fig.19	Fig.20	Fig.21
	1851.5	18615		15	0	Fig.22	Fig.23	Fig.24
	1880	18900		1	14	Fig.25	Fig.26	Fig.27
	1880	18900		15	0	Fig.28	Fig.29	Fig.30
	1908.5	19185		1	14	Fig.31	Fig.32	Fig.33
	1908.5	19185		15	0	Fig.34	Fig.35	Fig.36
	1852.5	18625	5	1	24	Fig.37	Fig.38	Fig.39
	1852.5	18625		25	0	Fig.40	Fig.41	Fig.42
	1880	18900		1	24	Fig.43	Fig.44	Fig.45
	1880	18900		25	0	Fig.46	Fig.47	Fig.48
	1907.5	19175		1	24	Fig.49	Fig.50	Fig.51
	1907.5	19175		25	0	Fig.52	Fig.53	Fig.54
	1855	18650	10	1	49	Fig.55	Fig.56	Fig.57
	1855	18650		50	0	Fig.58	Fig.59	Fig.60
	1880	18900		1	49	Fig.61	Fig.62	Fig.63
	1880	18900		50	0	Fig.64	Fig.65	Fig.66
	1905	19150		1	49	Fig.67	Fig.68	Fig.69
	1905	19150		50	0	Fig.70	Fig.71	Fig.72
	1857.5	18675	15	1	74	Fig.73	Fig.74	Fig.75
	1857.5	18675		75	0	Fig.76	Fig.77	Fig.78
	1880	18900		1	74	Fig.79	Fig.80	Fig.81
	1880	18900		75	0	Fig.82	Fig.83	Fig.84
	1902.5	19125		1	74	Fig.85	Fig.86	Fig.87
	1902.5	19125		75	0	Fig.88	Fig.89	Fig.90
	1860	18700	20	1	99	Fig.91	Fig.92	Fig.93
	1860	18700		100	0	Fig.94	Fig.95	Fig.96
	1880	18900		1	99	Fig.97	Fig.98	Fig.99
	1880	18900		100	0	Fig.100	Fig.101	Fig.102
	1900	19100		1	99	Fig.103	Fig.104	Fig.105
	1900	19100		100	0	Fig.106	Fig.107	Fig.108

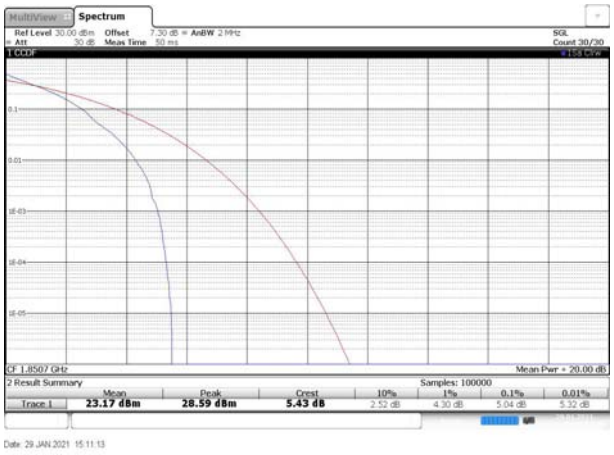


Fig.1

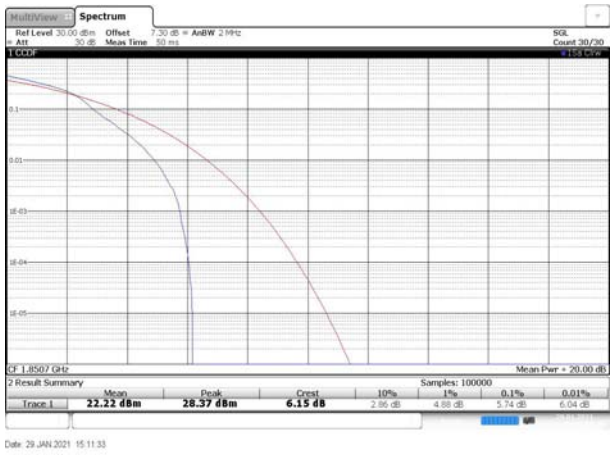


Fig.2

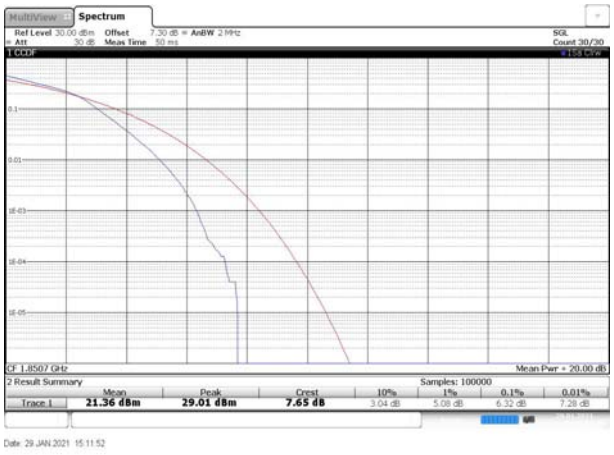


Fig.3

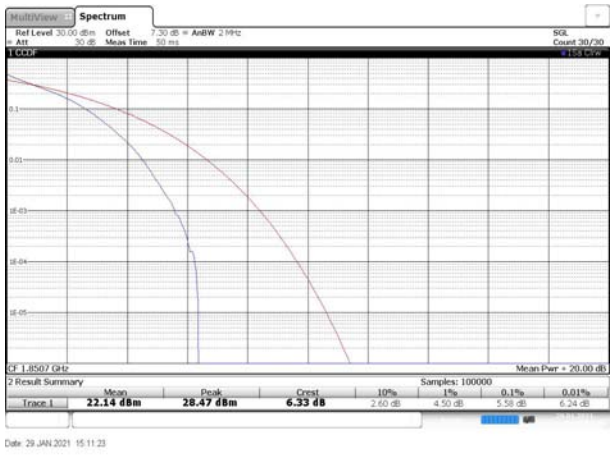


Fig.4

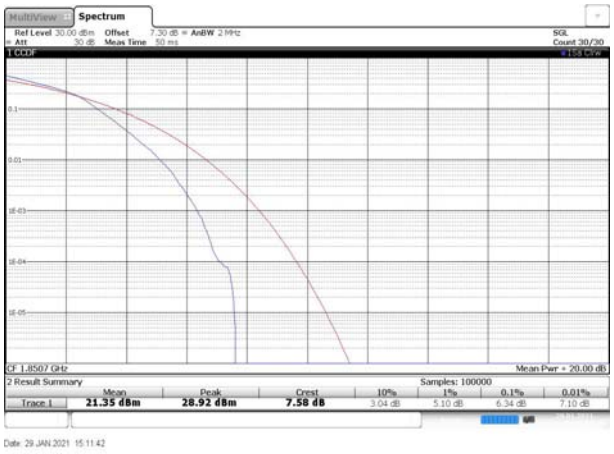


Fig.5

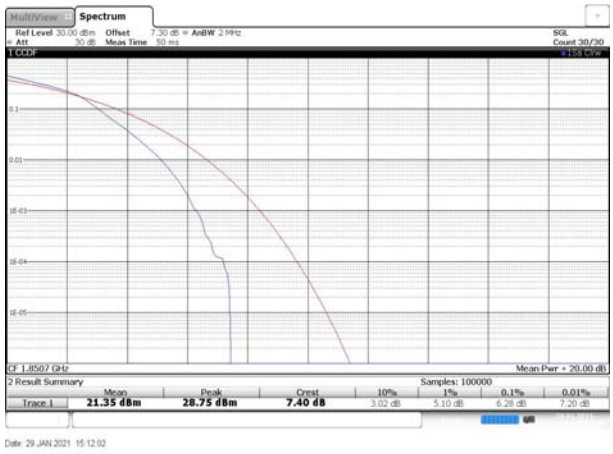


Fig.6

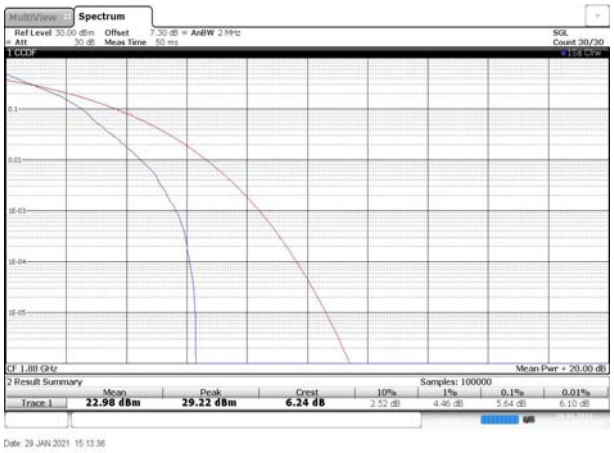


Fig.7

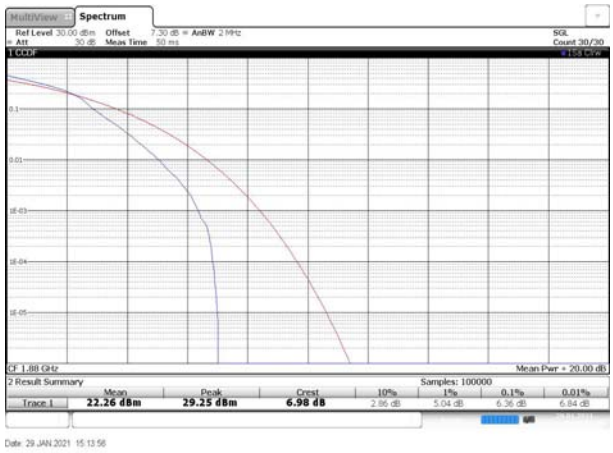


Fig.8

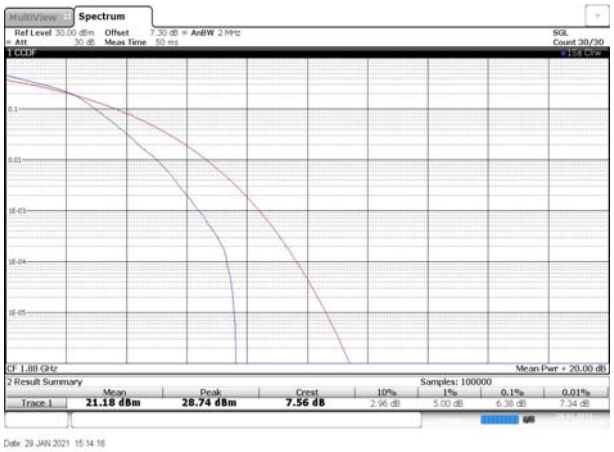


Fig.9

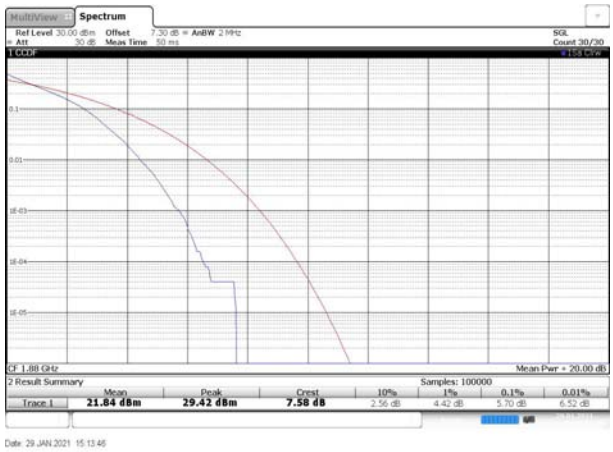


Fig.10

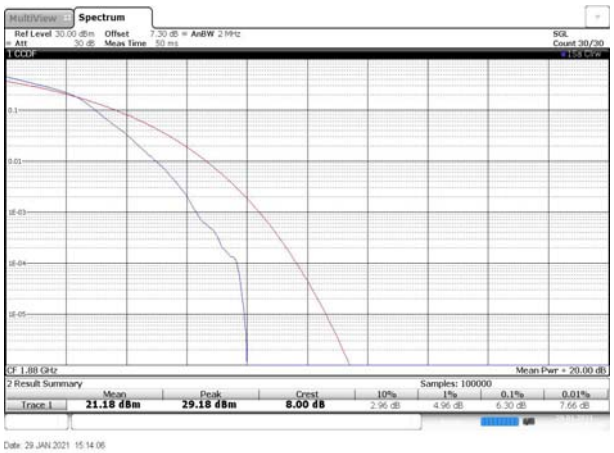


Fig.11

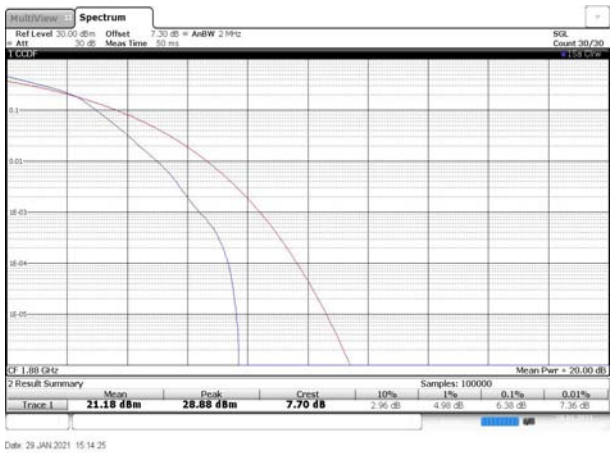


Fig.12

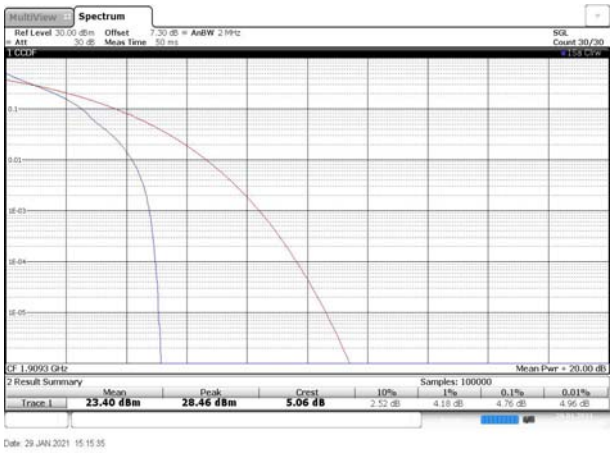


Fig.13

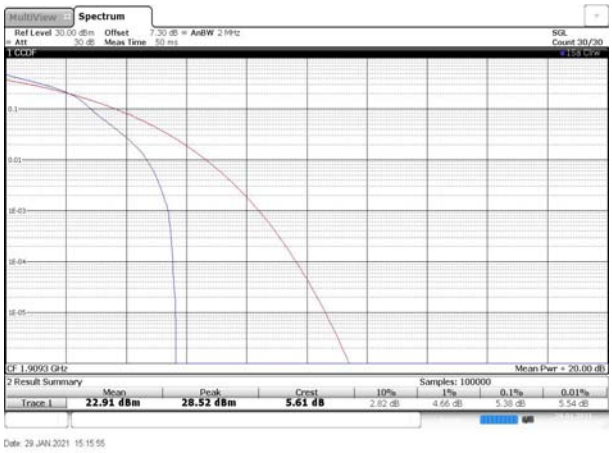
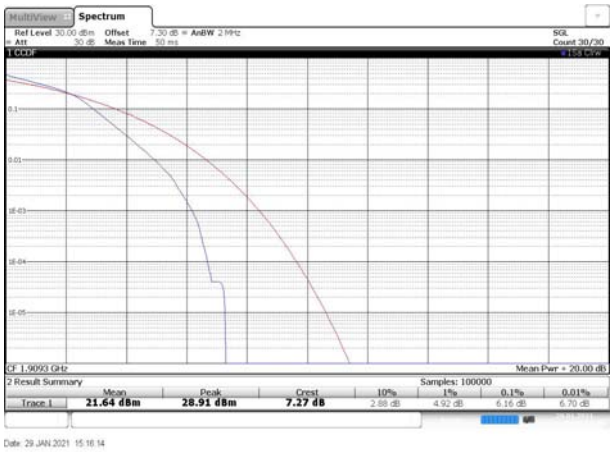


Fig.14



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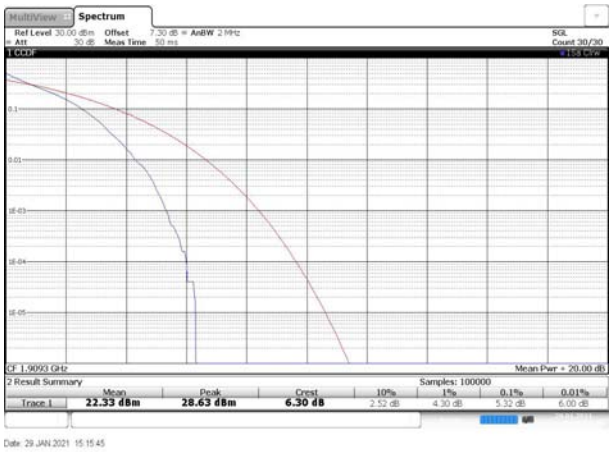
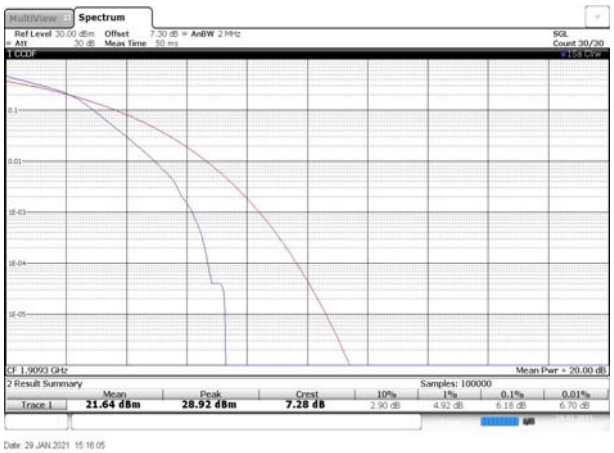


Fig.16



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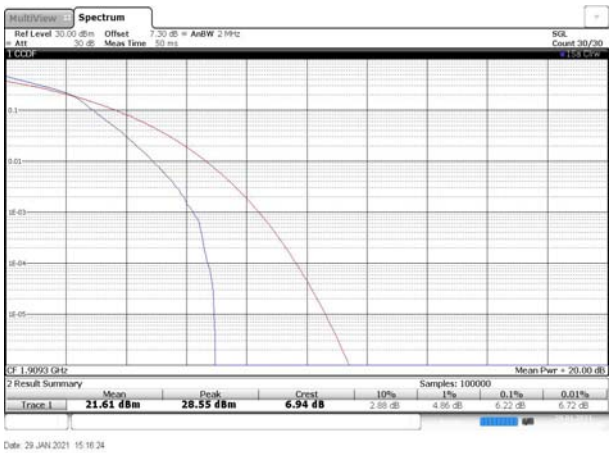

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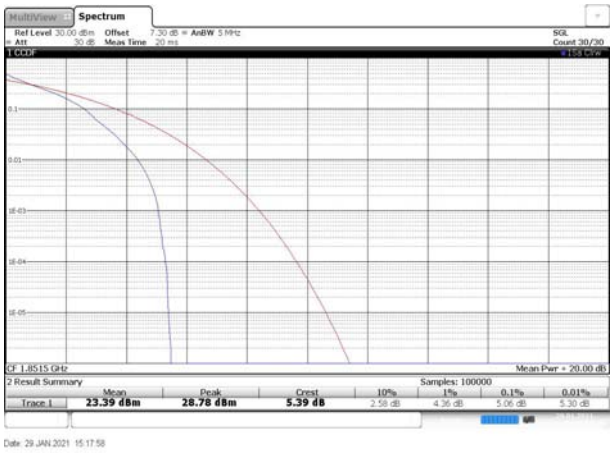

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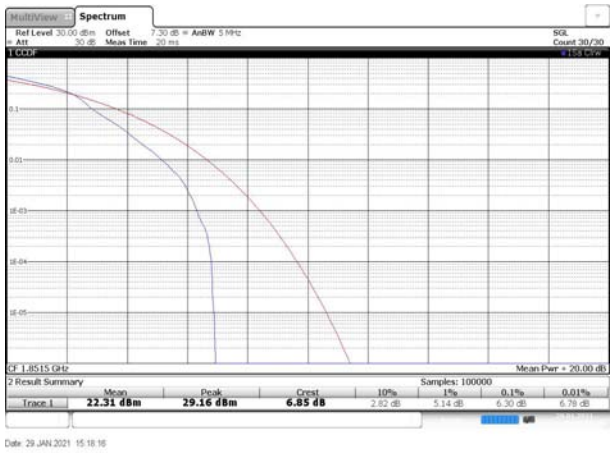

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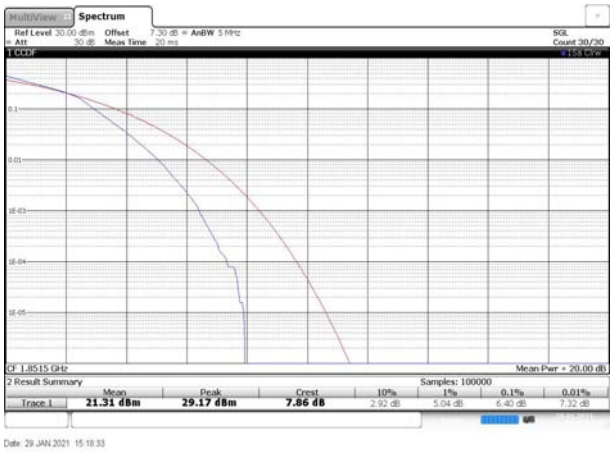

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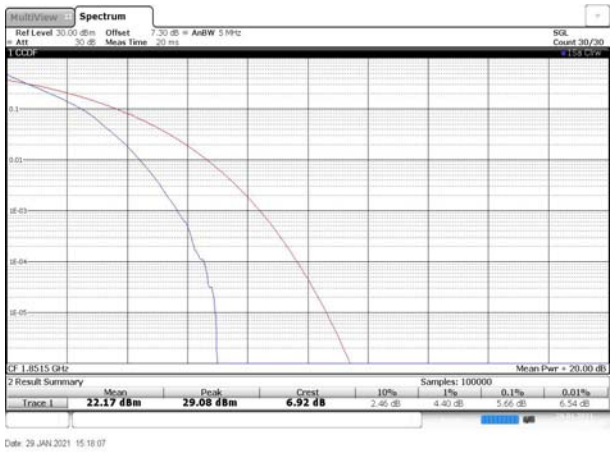

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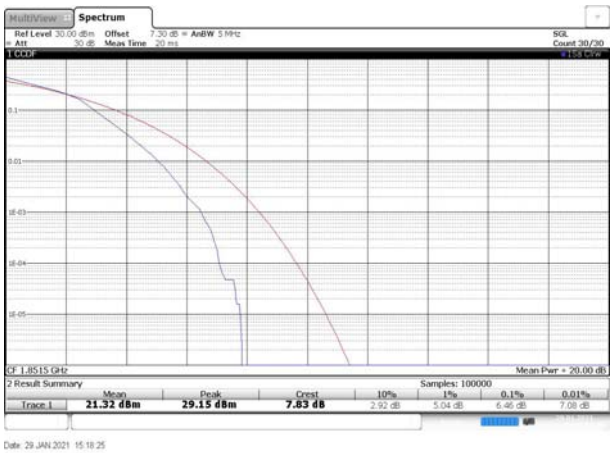

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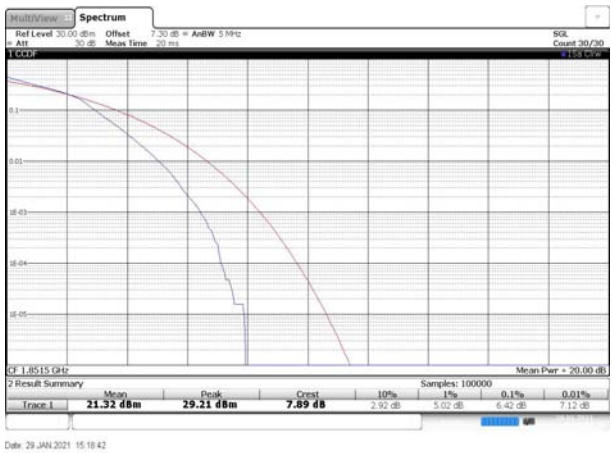

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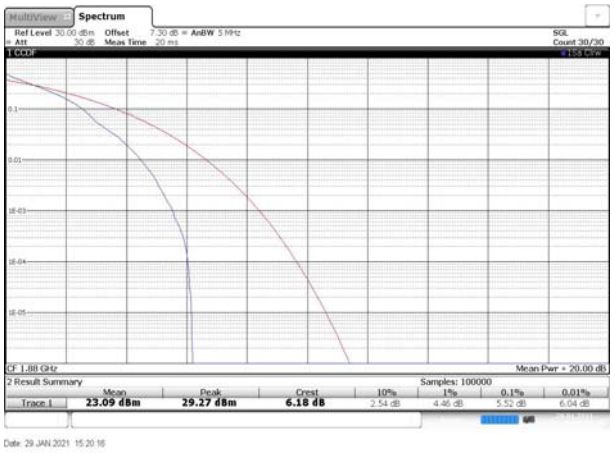

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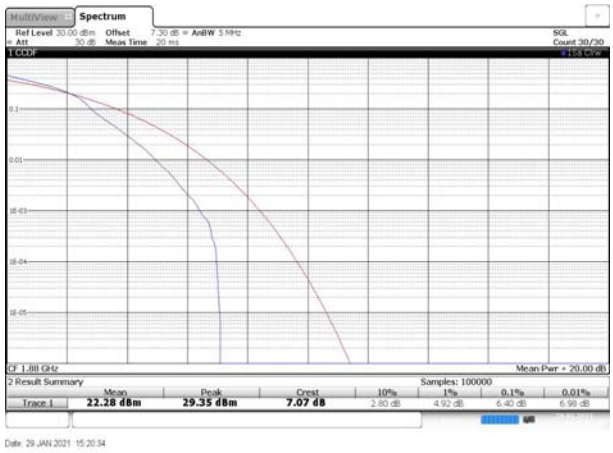

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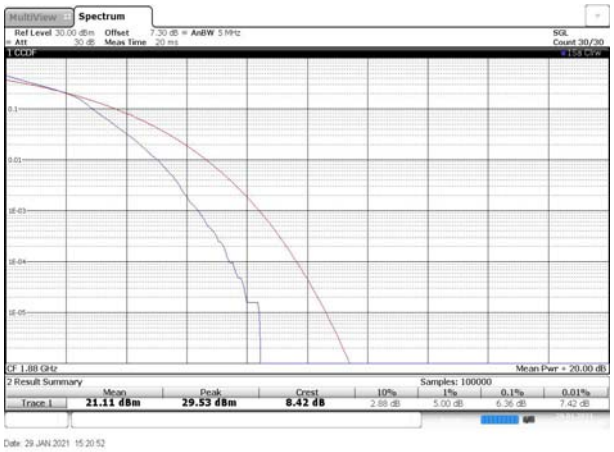

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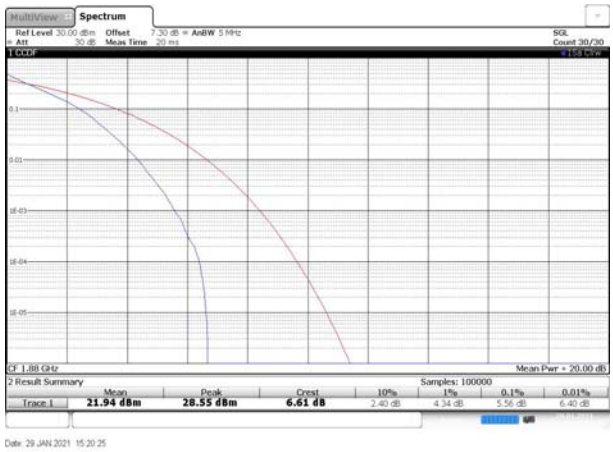

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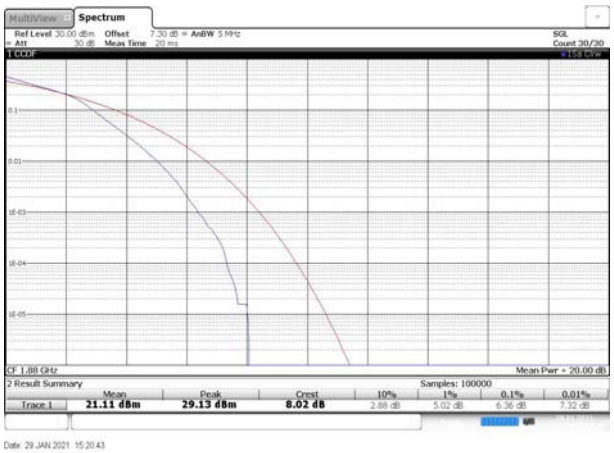

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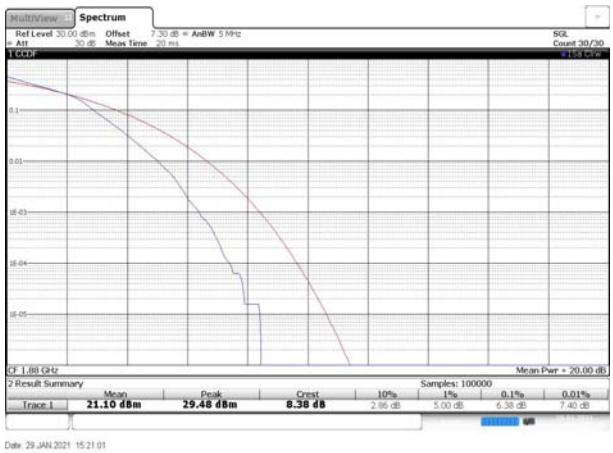
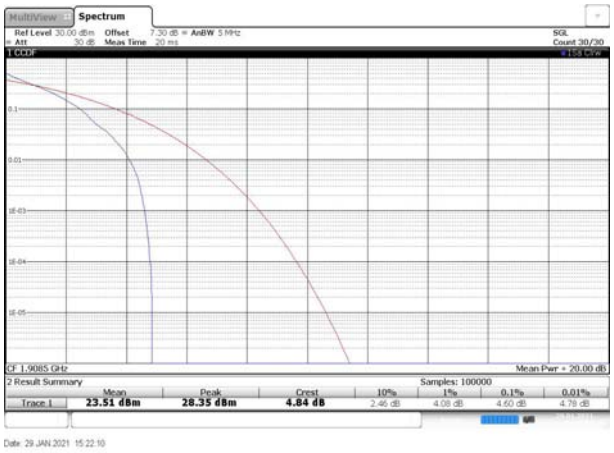


Fig.30



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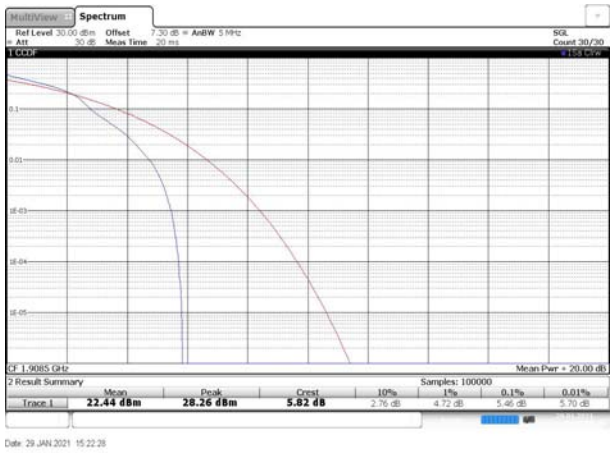

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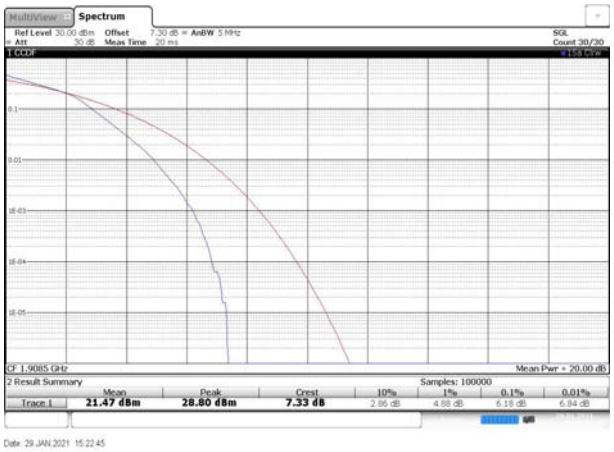

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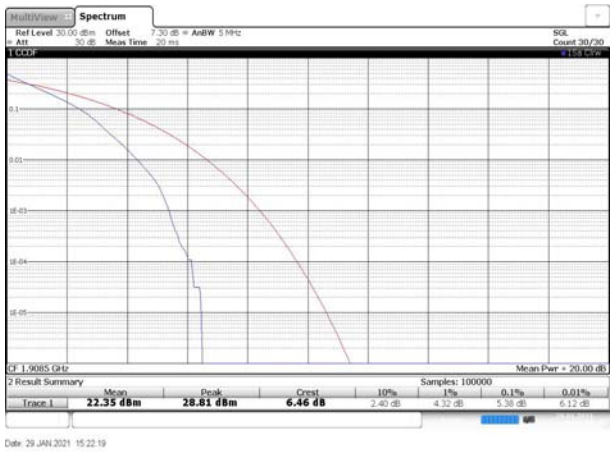

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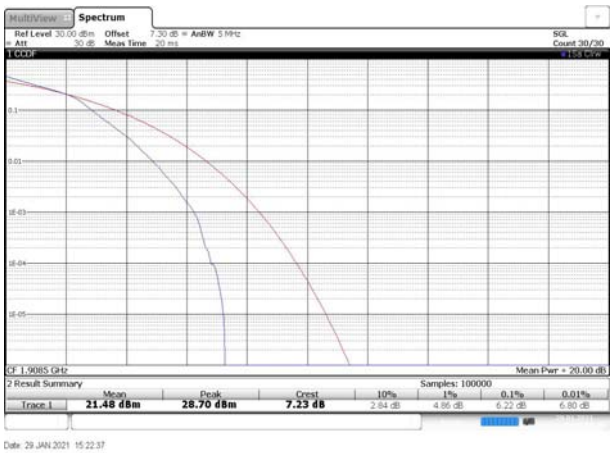

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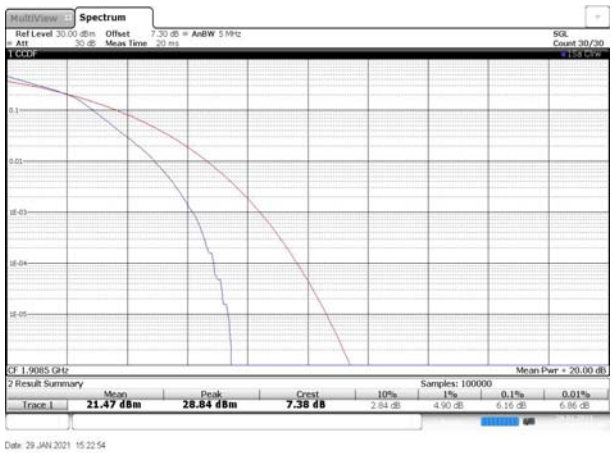

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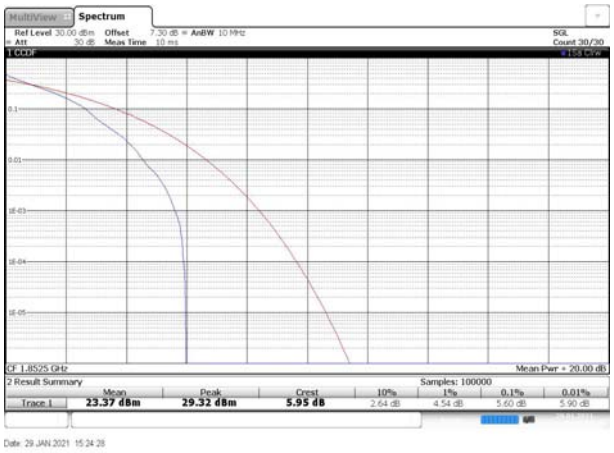

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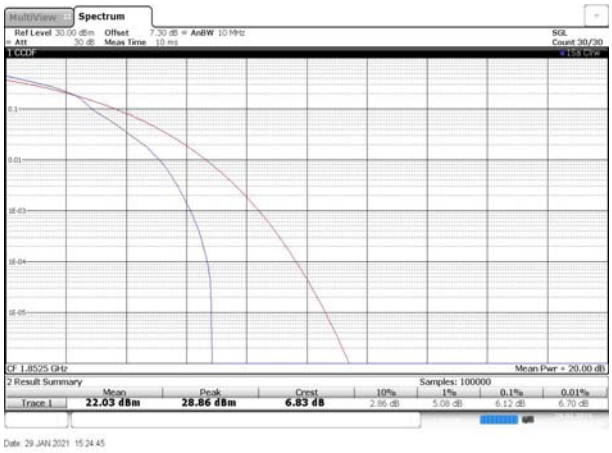

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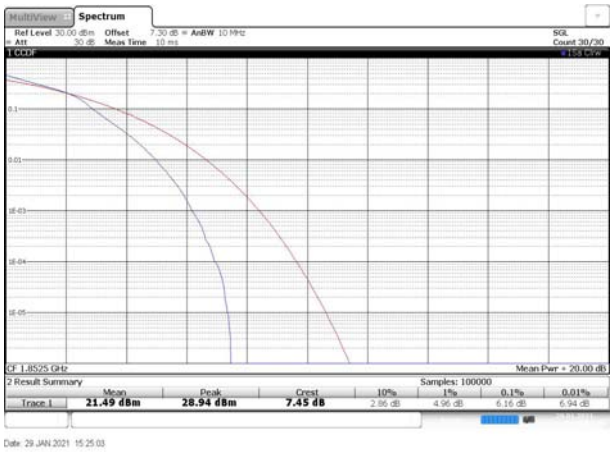

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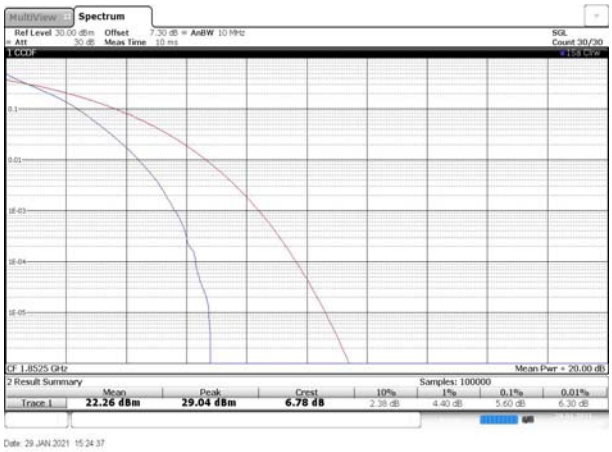
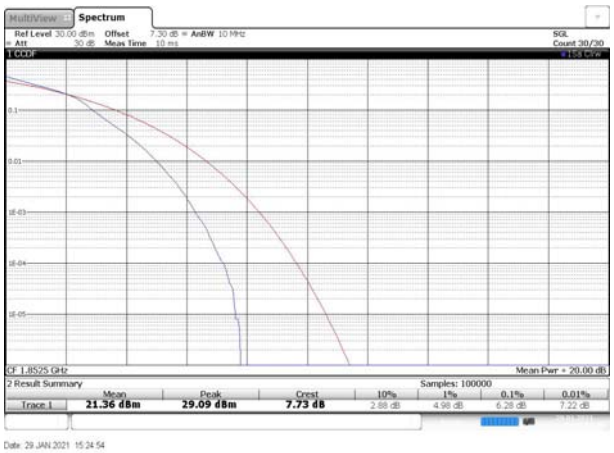


Fig.40



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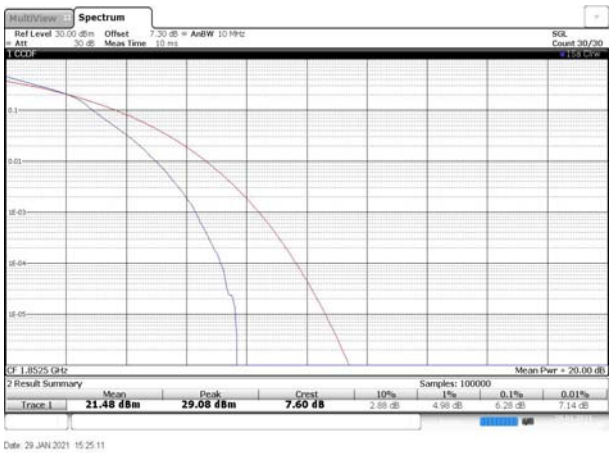

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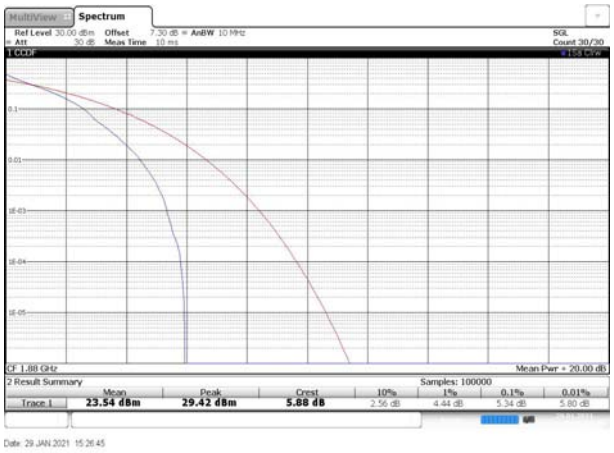

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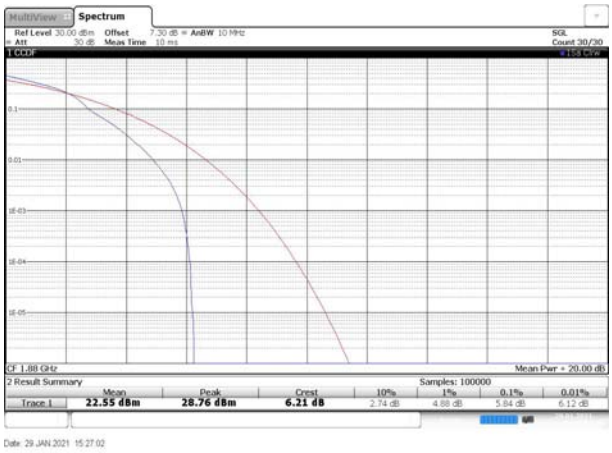

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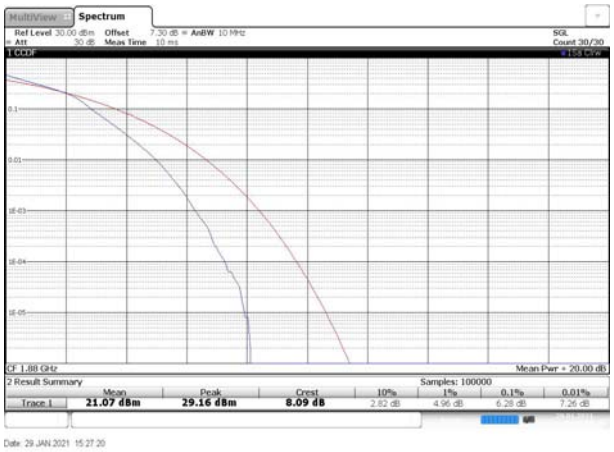

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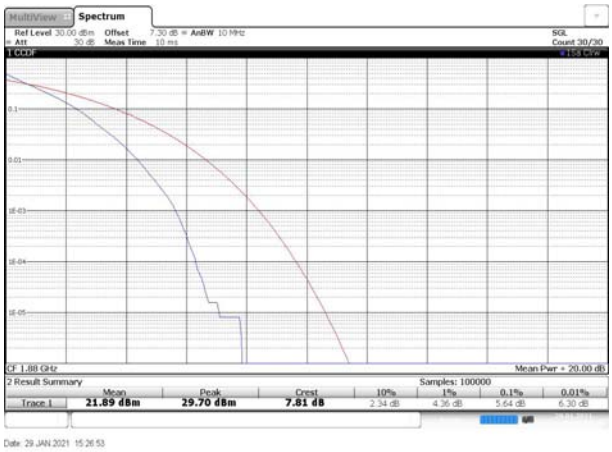

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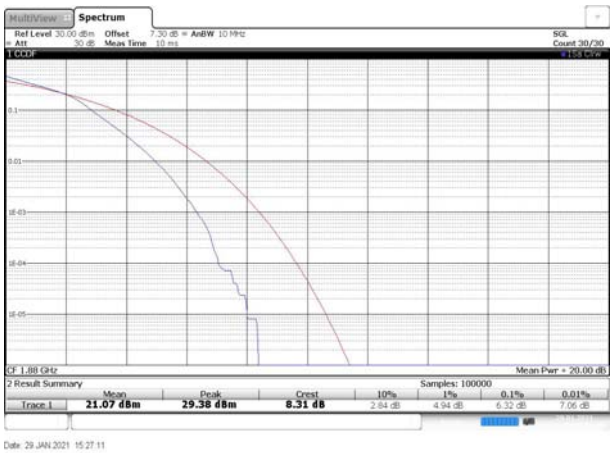

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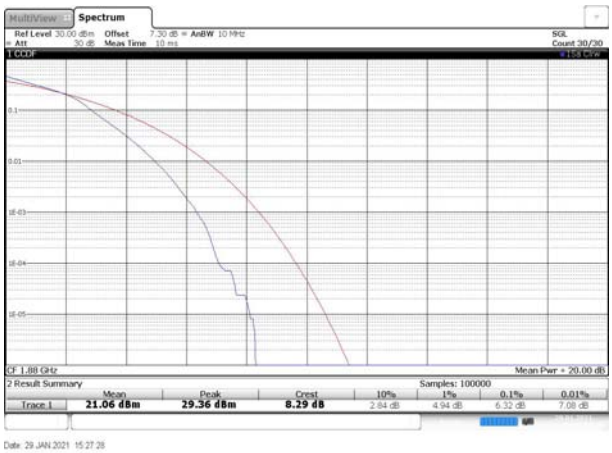

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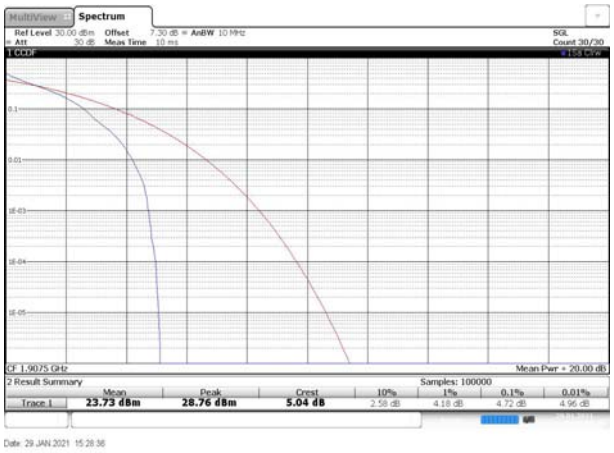


Fig.49

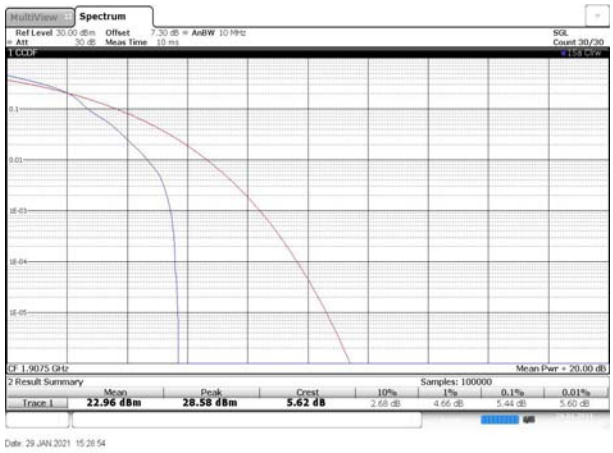


Fig.50

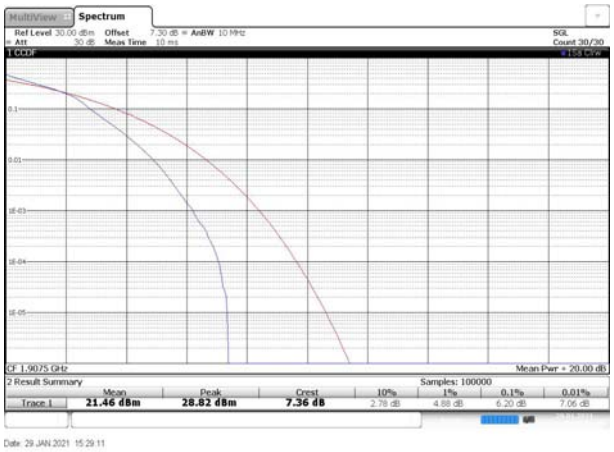
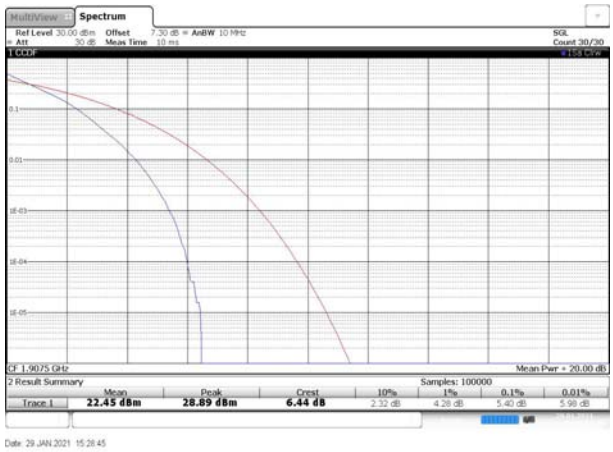


Fig.51



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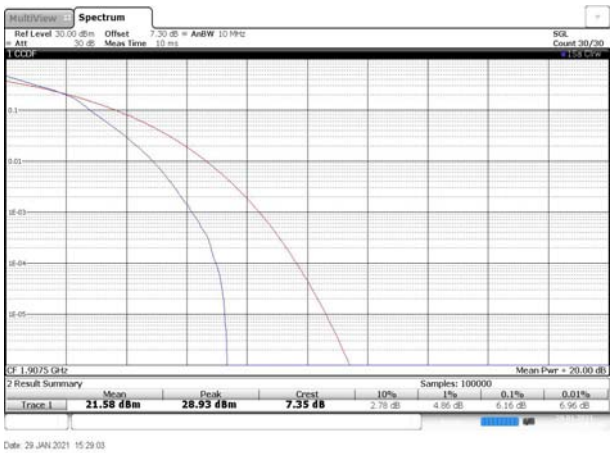


Fig.53

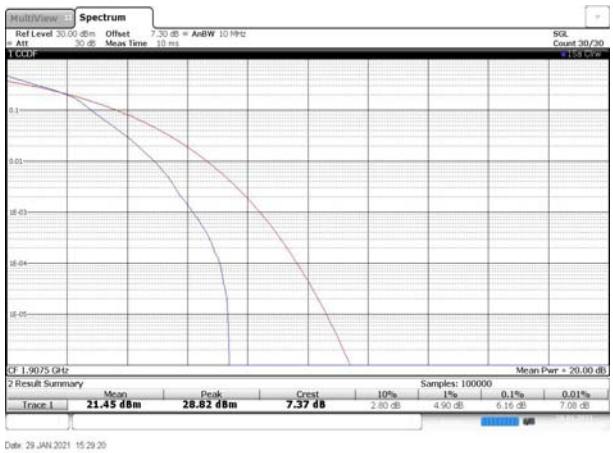
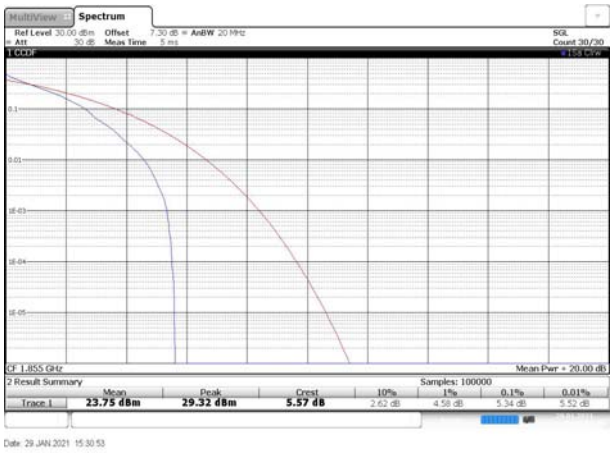


Fig.54



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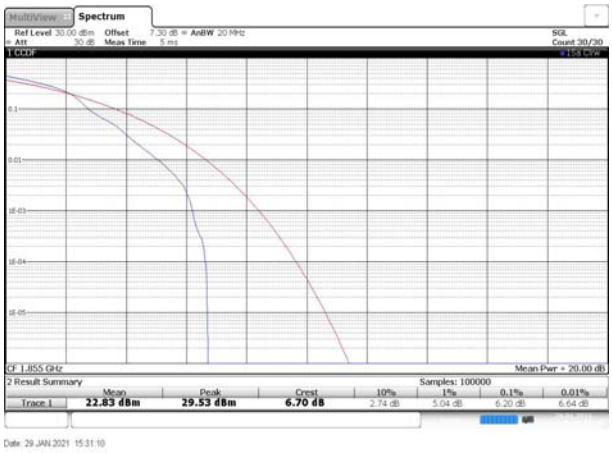

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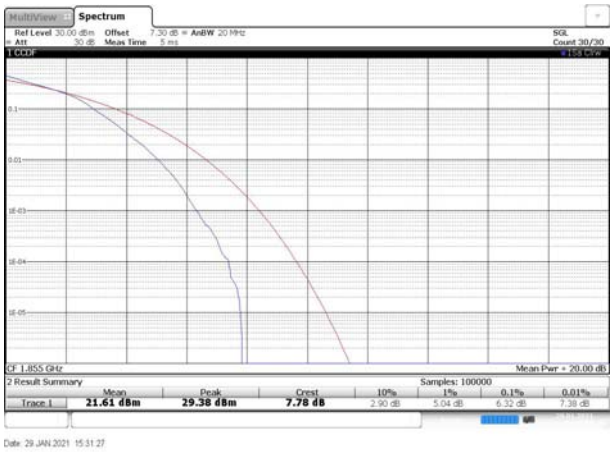


Fig.57

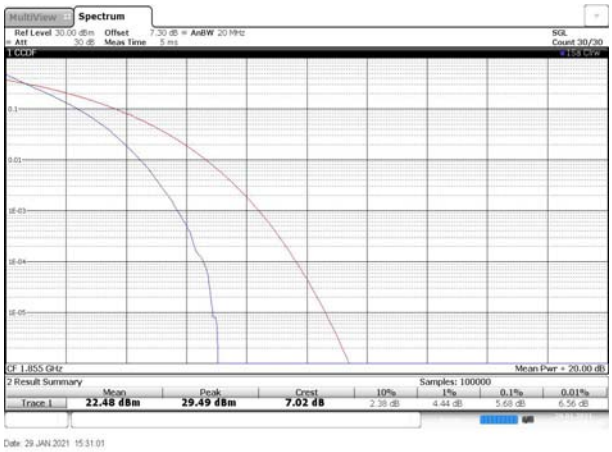


Fig.58

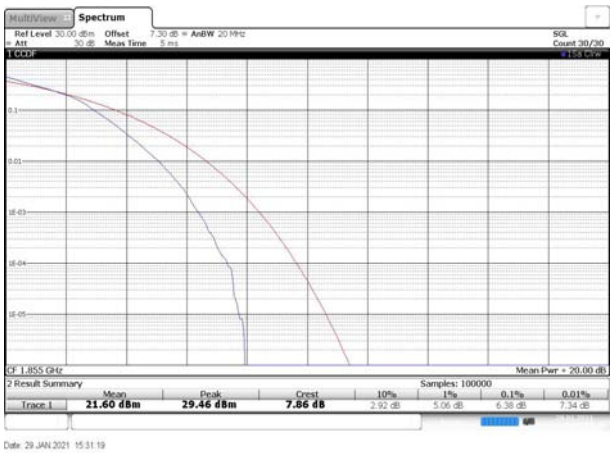


Fig.59

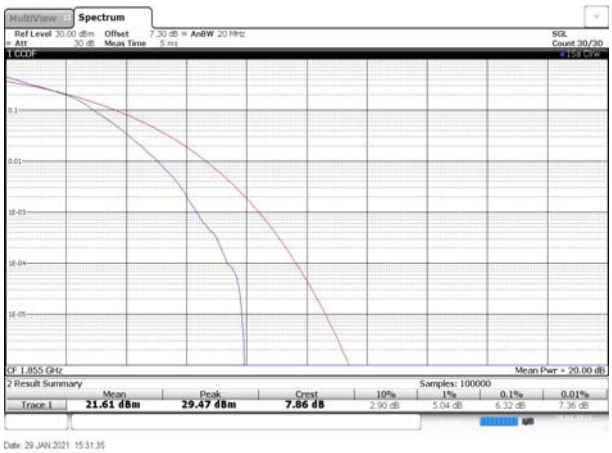


Fig.60

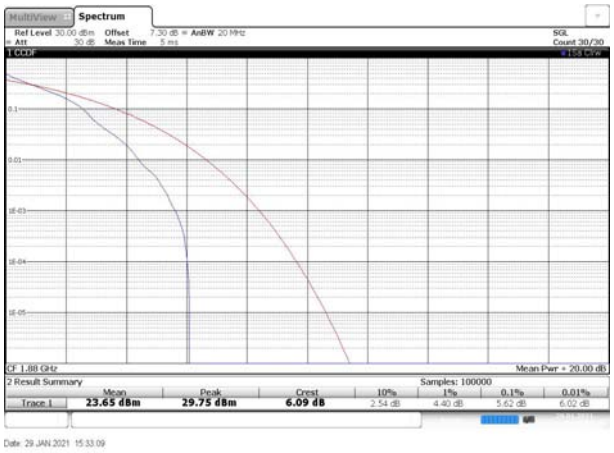
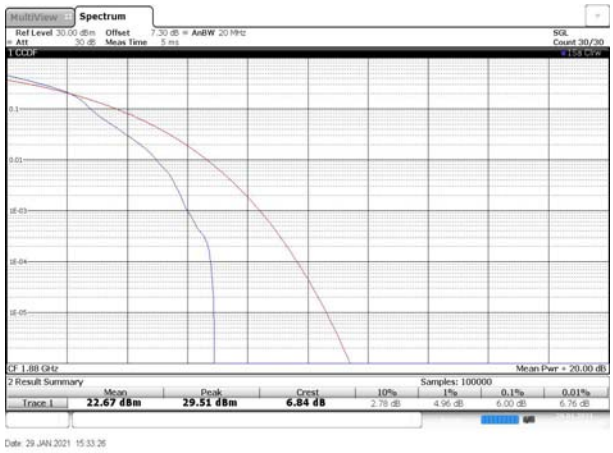


Fig.61



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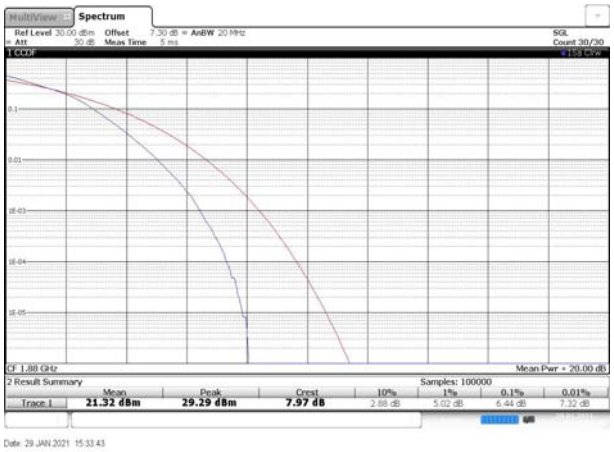

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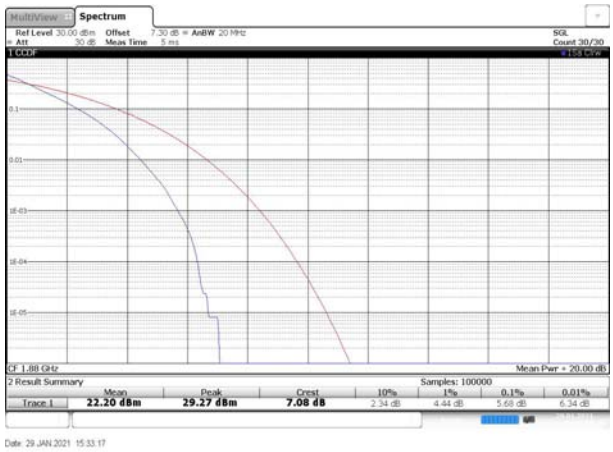

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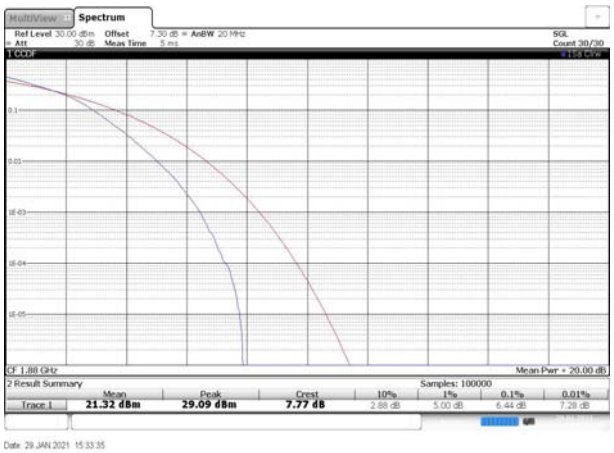
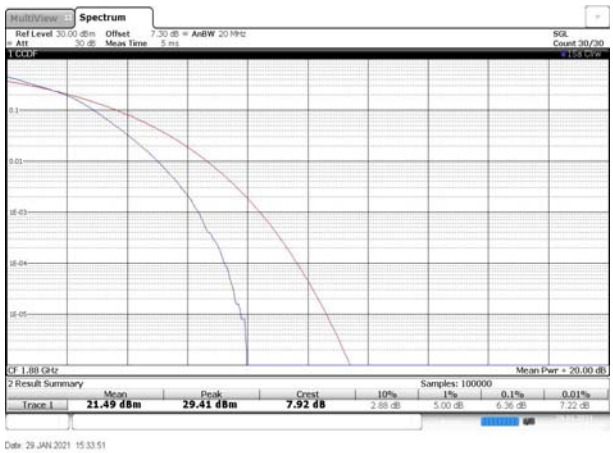


Fig.65



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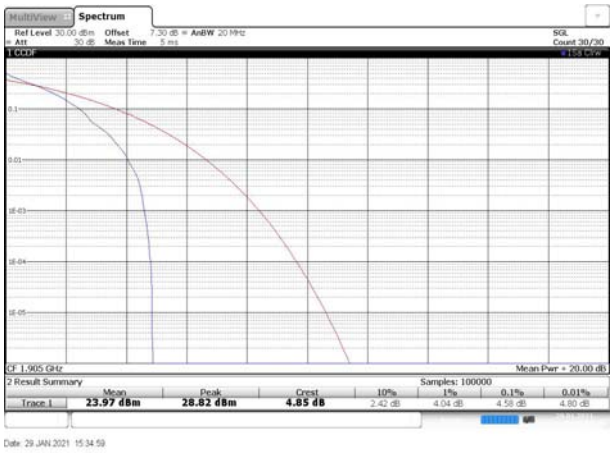

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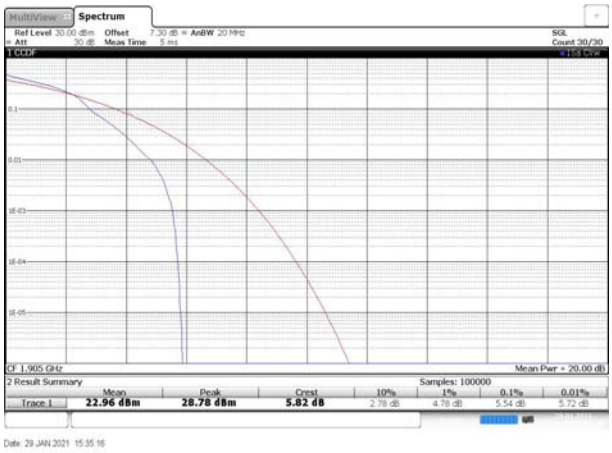
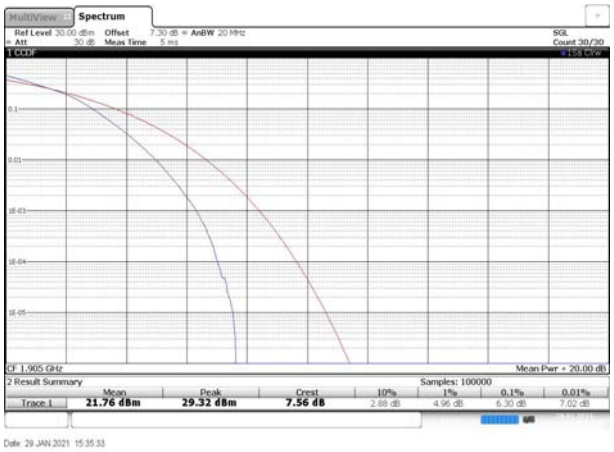


Fig.68



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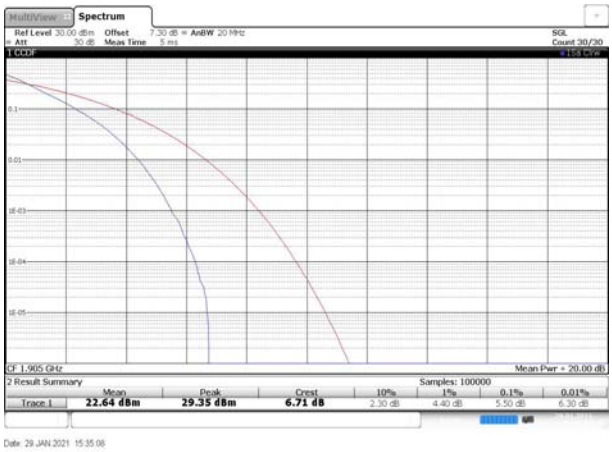

Fig.70

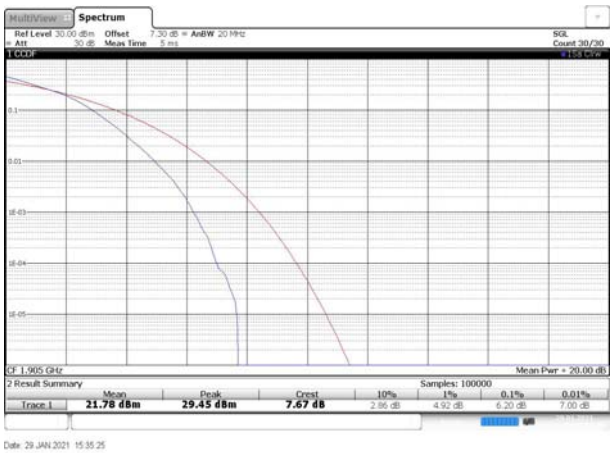

Fig.71

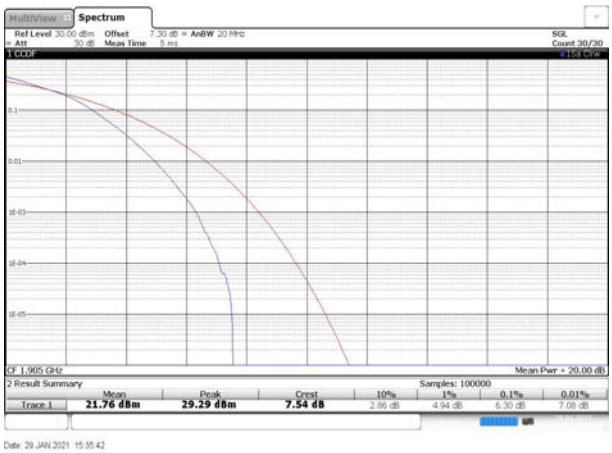

Fig.72

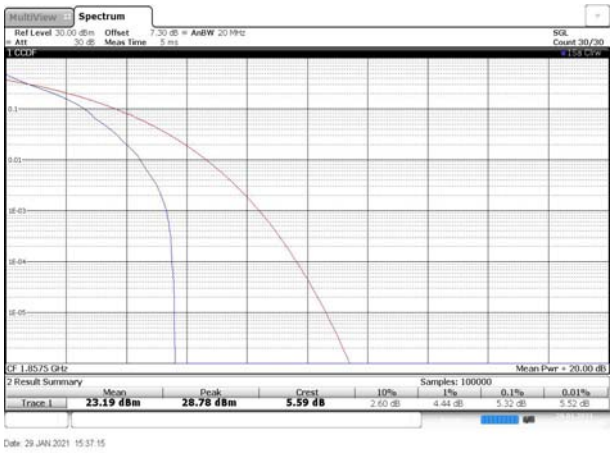

Fig.73

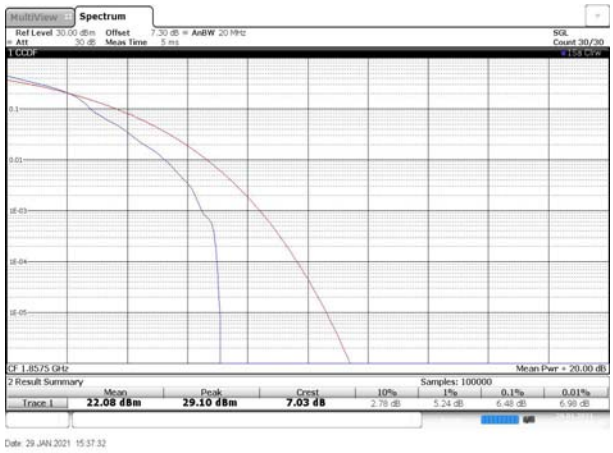

Fig.74

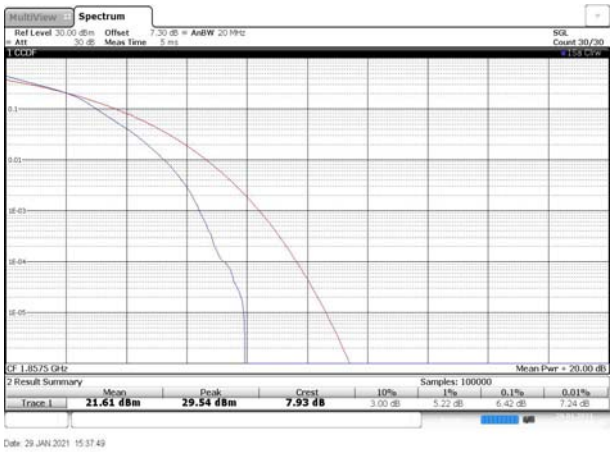

Fig.75

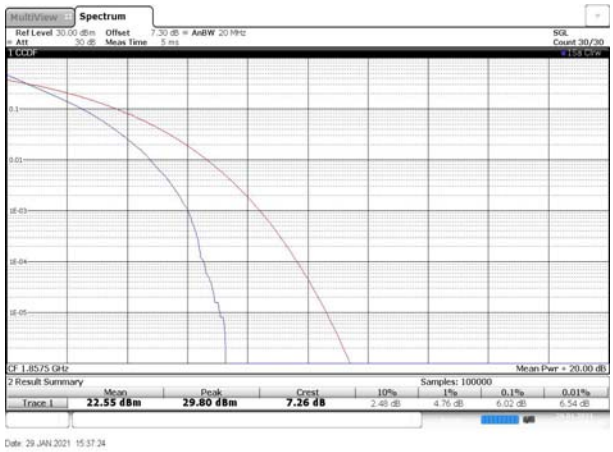

Fig.76

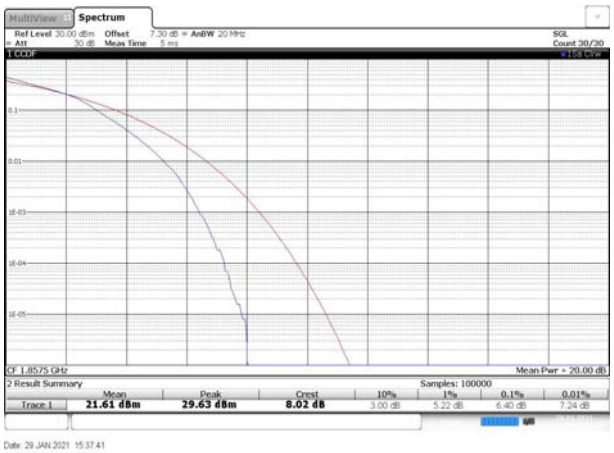

Fig.77

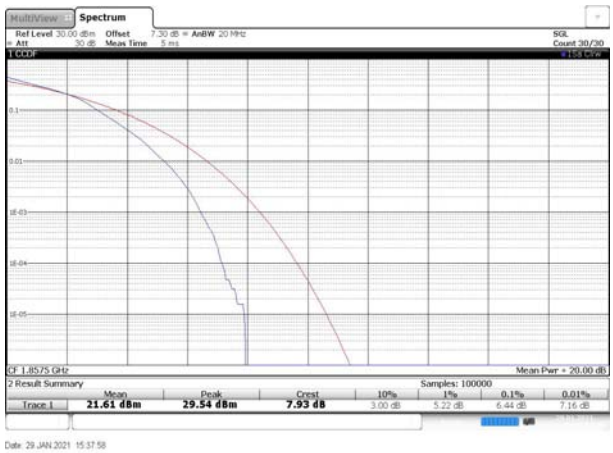

Fig.78

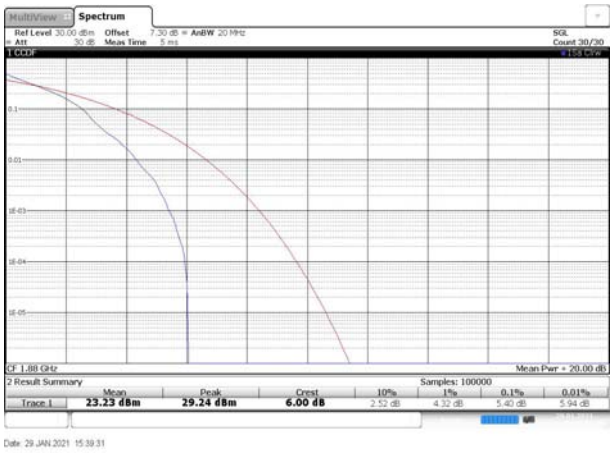

Fig.79

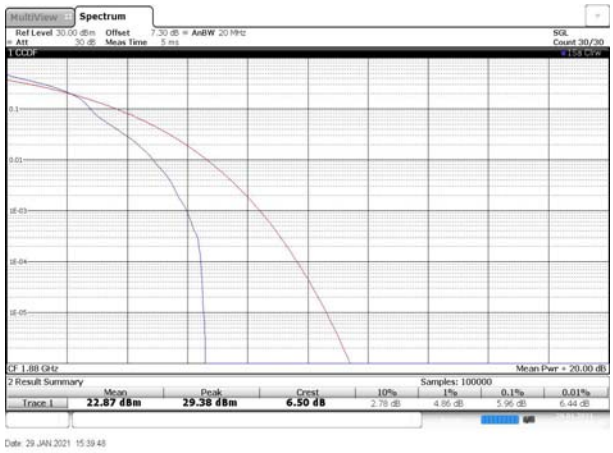

Fig.80

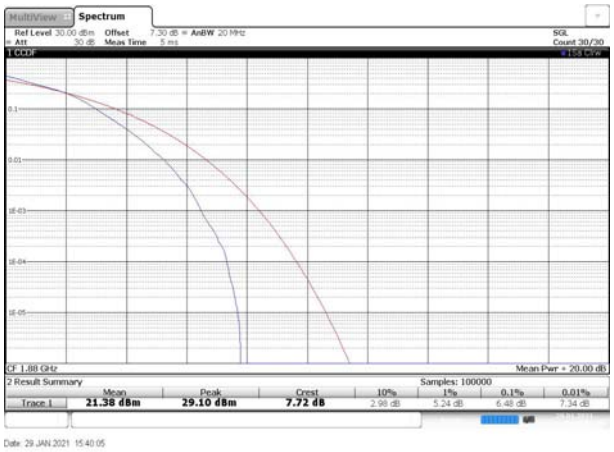

Fig.81

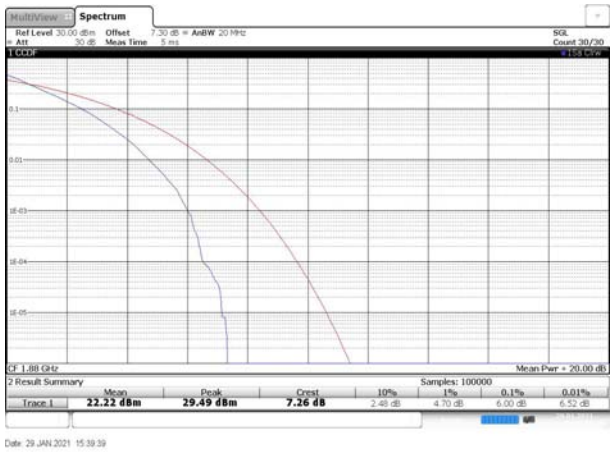

Fig.82

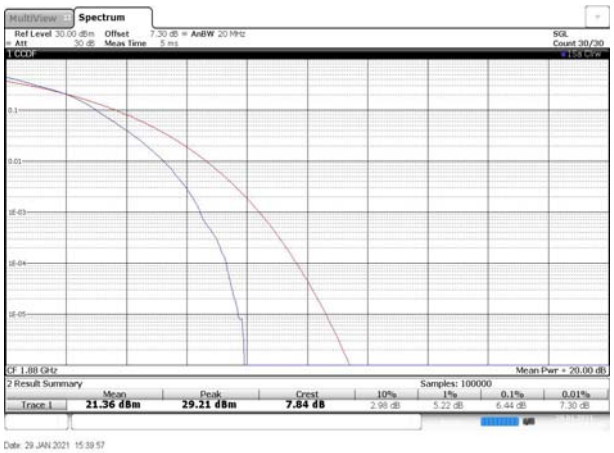

Fig.83

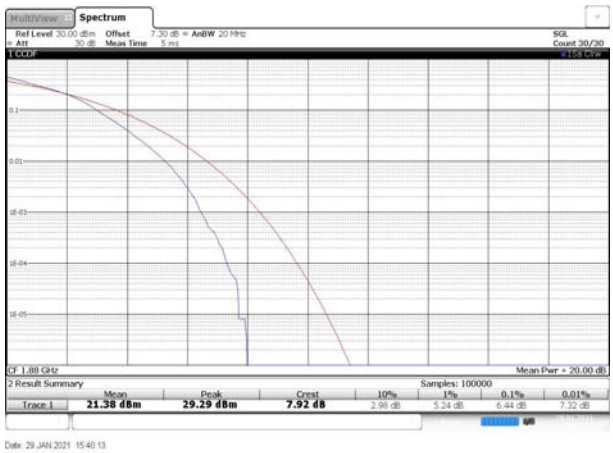

Fig.84