



Appendix A1: Transmitter Output Power



1 Result Table

1.1 Channel Power, Total

NOTE 1: If applicable, the EIRP [W] = $10^{((\text{Channel Power [dBm]} + \text{Antenna Gain [dBi]} / 10 - 3)}$, and the ERP [W] = EIRP [W] / 1.64.

NOTE 2: When the EUT is put into service, the combination of the practical output power and the practical antenna gain should NOT exceed the required ERP/EIRP limit.

EUT Conf.	Channel Power [dBm]	Verdict
5M_B	44.77	Pass
5M_M	45.07	Pass
5M_T	44.5	Pass
10M_B	44.94	Pass
10M_M	45.15	Pass
10M_T	44.57	Pass
15M_B	45.25	Pass
15M_M	45.14	Pass
15M_T	45.04	Pass
20M_B	45.16	Pass
20M_M	45.14	Pass
20M_T	44.99	Pass
2L_5+5_B	41.63,42.03	Pass
2L_5+5_T	42.07,41.39	Pass
2L_10+10_B	41.66,41.96	Pass
2L_10+10_T	42.09,41.49	Pass
2L_15+15_B	40.36,43.24	Pass
2L_15+15_T	40.25,43.22	Pass
2L_20+20_B	40.41,43.27	Pass
2L_20+20_T	40.22,43.2	Pass
3L_5+5+5_B	39.90, 40.33, 40.39	Pass
3L_5+5+5_T	40.25, 40.21, 39.61	Pass

1.2 Power Spectral Density

NOTE 1: If applicable, the EIRP [W/MHz] = $10^{((\text{Power Spectral Density [dBm/MHz]} + \text{Antenna Gain [dBi]} / 10 - 3)}$, and the ERP [W/MHz] = EIRP [W/MHz] / 1.64.

NOTE 2: When the EUT is put into service, the combination of the practical output power and the practical antenna gain should NOT exceed the required EIRP limit.



EUT Conf	Channel Power Spectral Density [dBm/MHz], RMS	Channel Power Spectral Density [dBm/MHz], peak	Verdict
5M_B	38.57	49.79	Pass
5M_M	38.73	49.77	Pass
5M_T	38.1	49.45	Pass
20M_B	33.03	44.87	Pass
20M_M	32.84	44.72	Pass
20M_T	32.82	44.41	Pass

1.3 Peak-to-Average Ratio

(Not applicable)

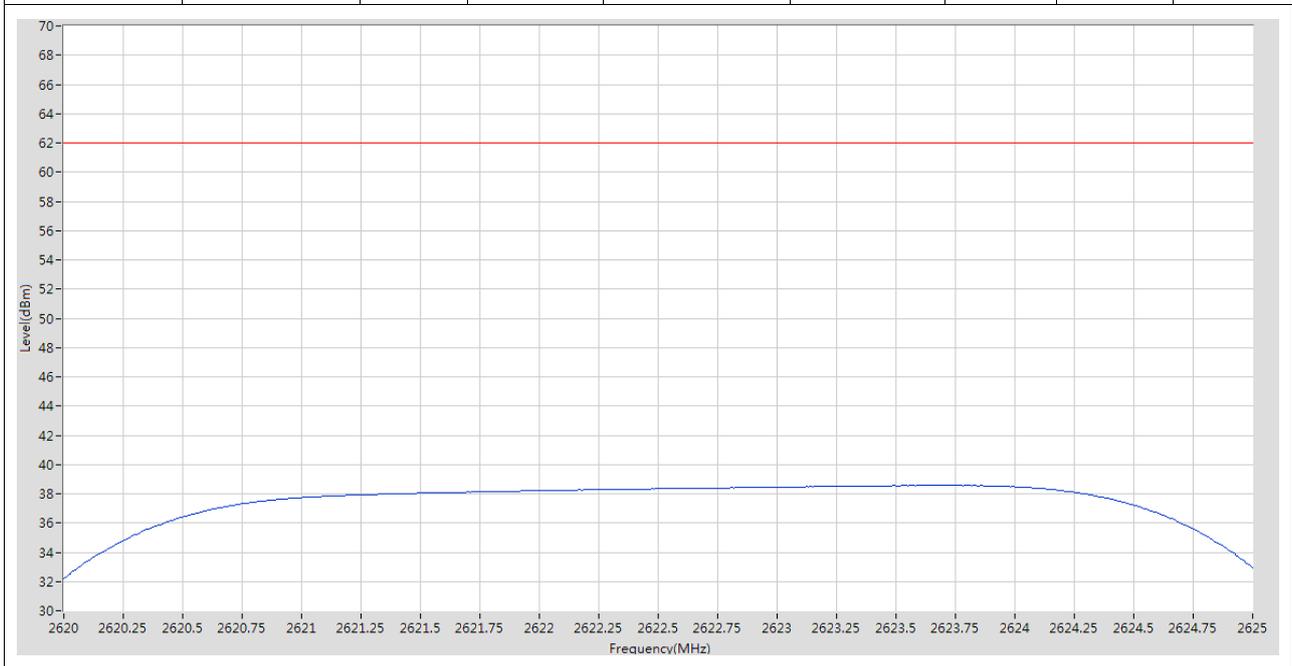
2 Test Plot

NOTE: Only the test plots for the measurements of Spectral Density and Peak-to-Average Ratio are supplied.

2.1 Power Spectral Density

2.1.1 5M_B

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
2620	2625	1	RMS	2623.691667 M	38.57	62	Pass	601



Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
2620	2625	1	Peak	2622.125 M	49.79	62	Pass	1001



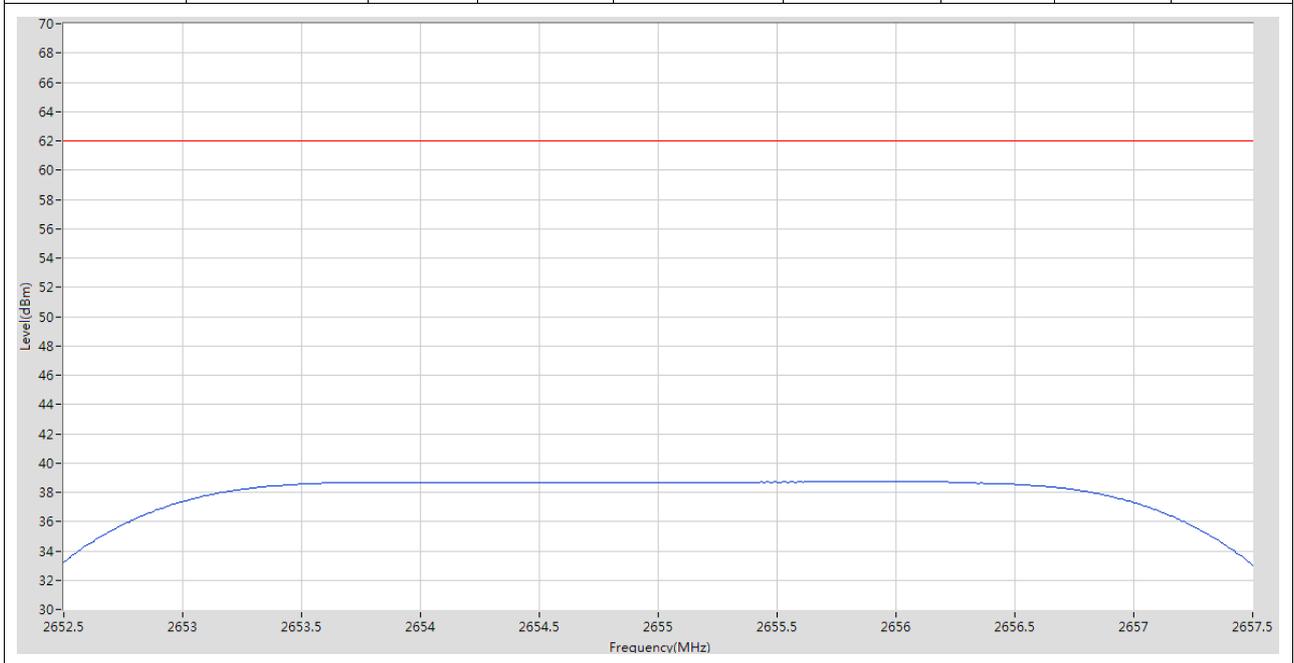
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
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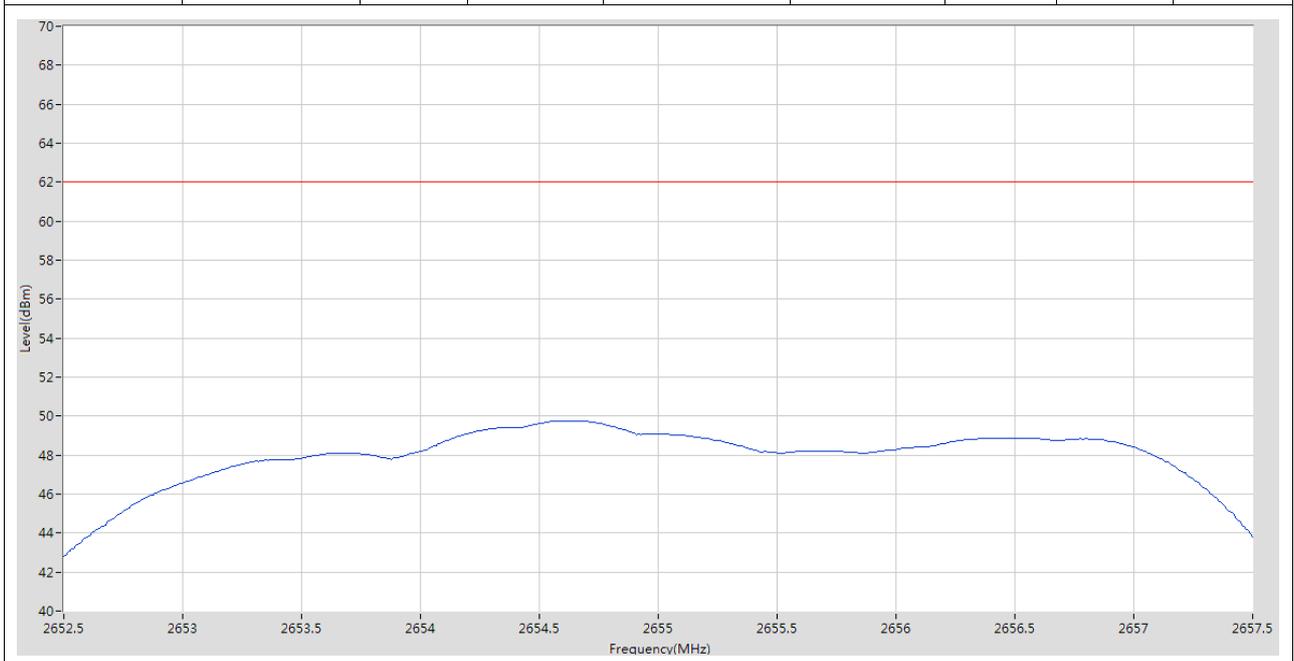


2.1.2 5M_M

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
2652.5	2657.5	1	RMS	2656.125 M	38.73	62	Pass	601

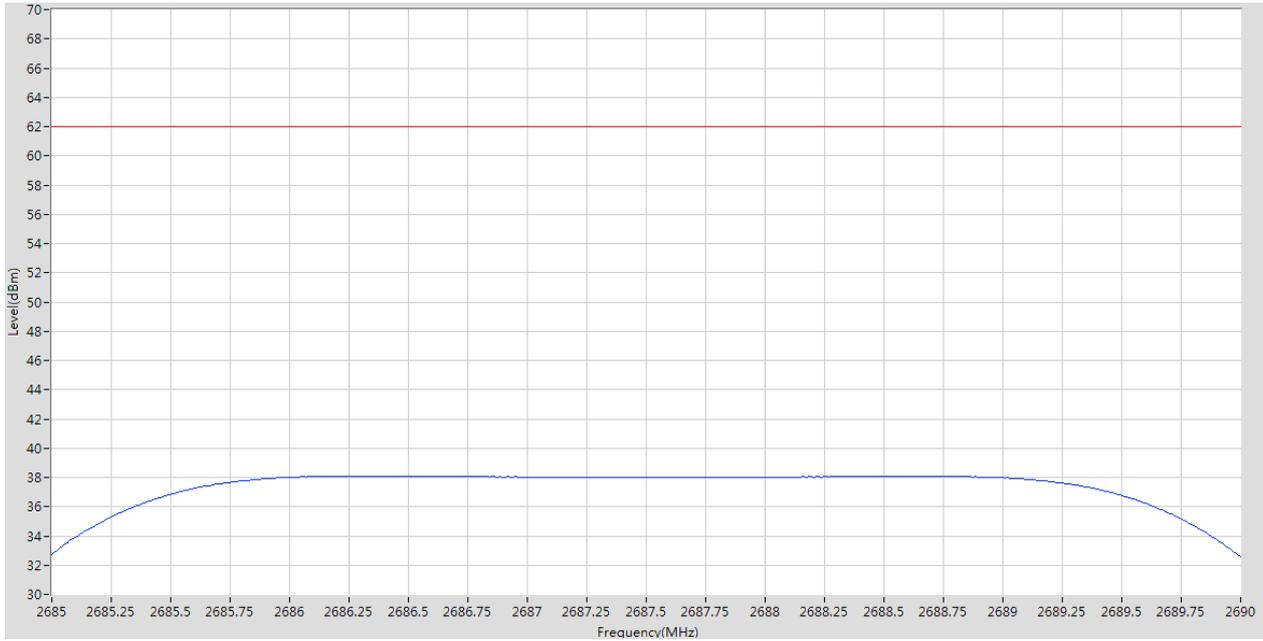


Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
2652.5	2657.5	1	Peak	2654.608333 M	49.77	62	Pass	601

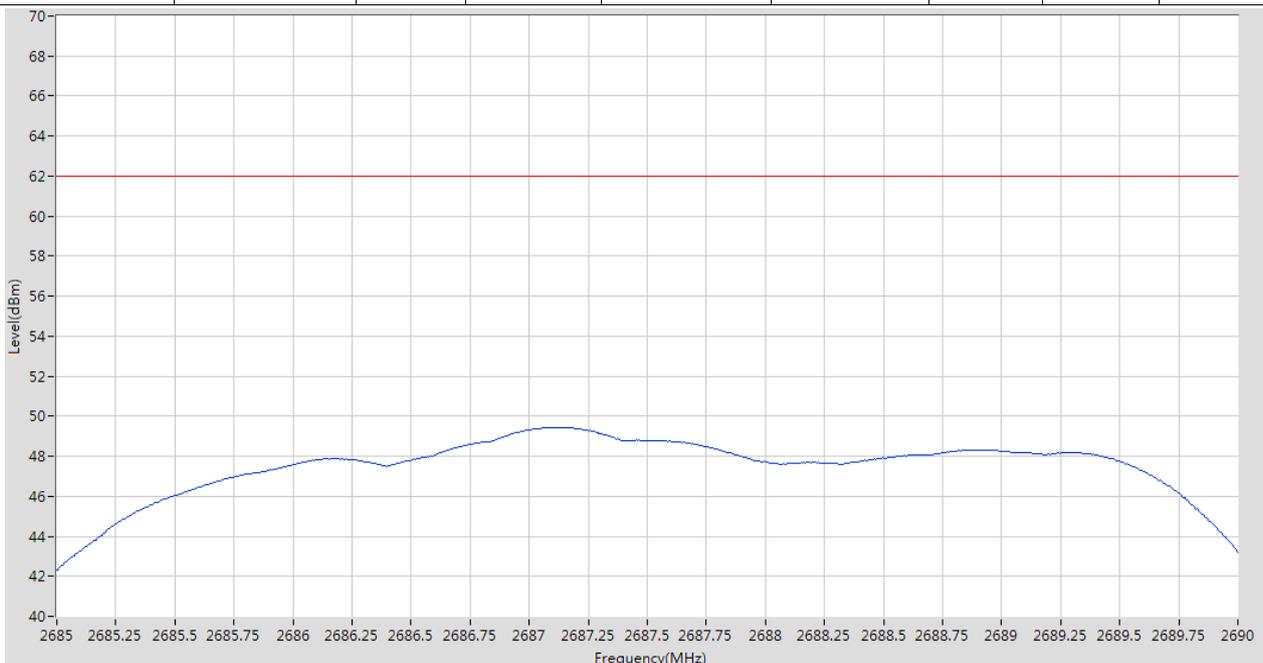


2.1.3 5M_T

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
2685	2690	1	RMS	2686.316667 M	38.1	62	Pass	601

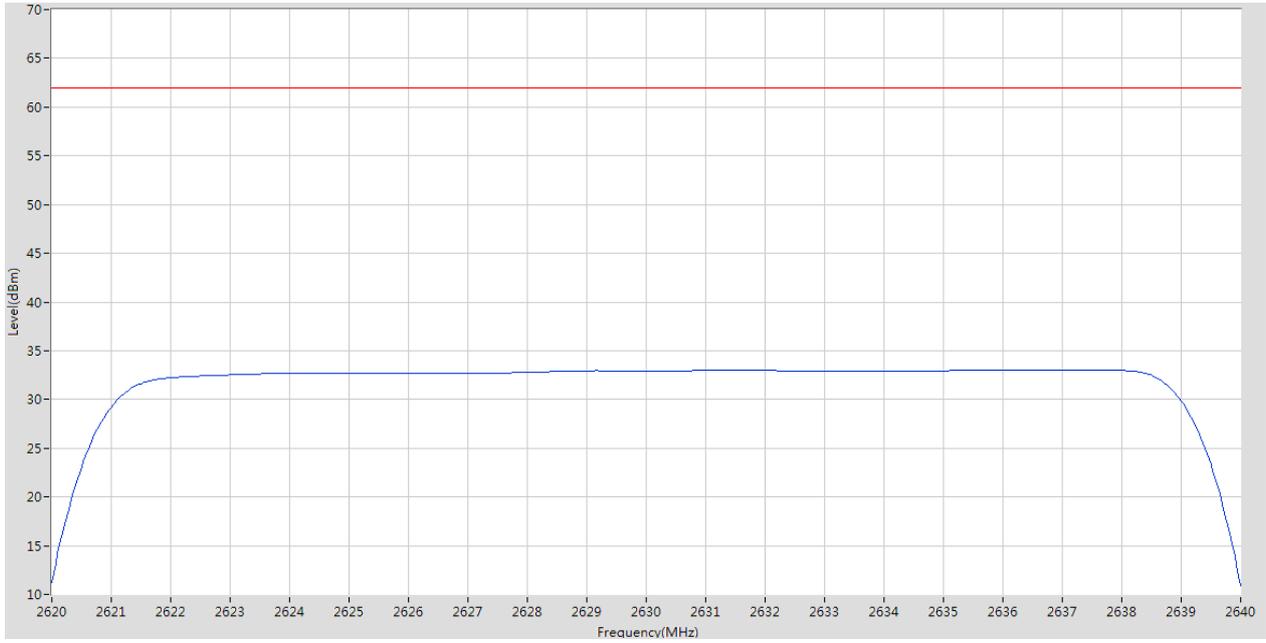


Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
2685	2690	1	Peak	2687.085 M	49.45	62	Pass	1001



2.1.4 20M_B

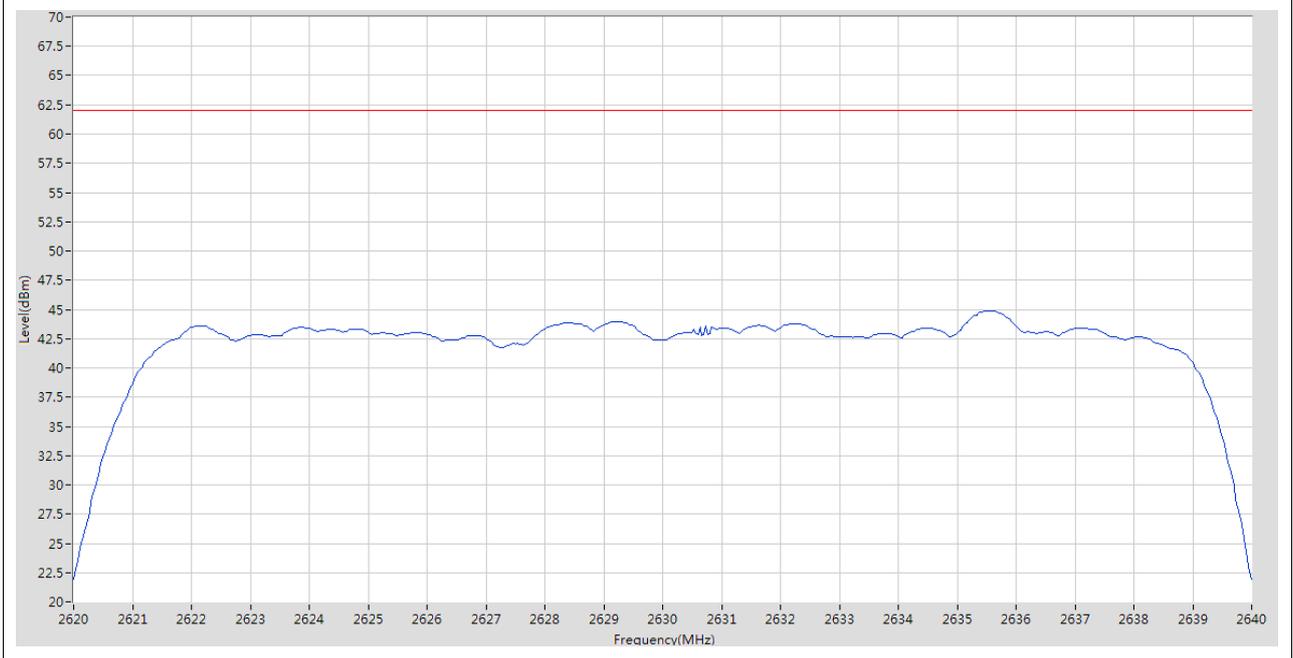
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
2620	2640	1	RMS	2636.133333 M	33.03	62	Pass	601



Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
2620	2640	1	Peak	2635.533333 M	44.87	62	Pass	601



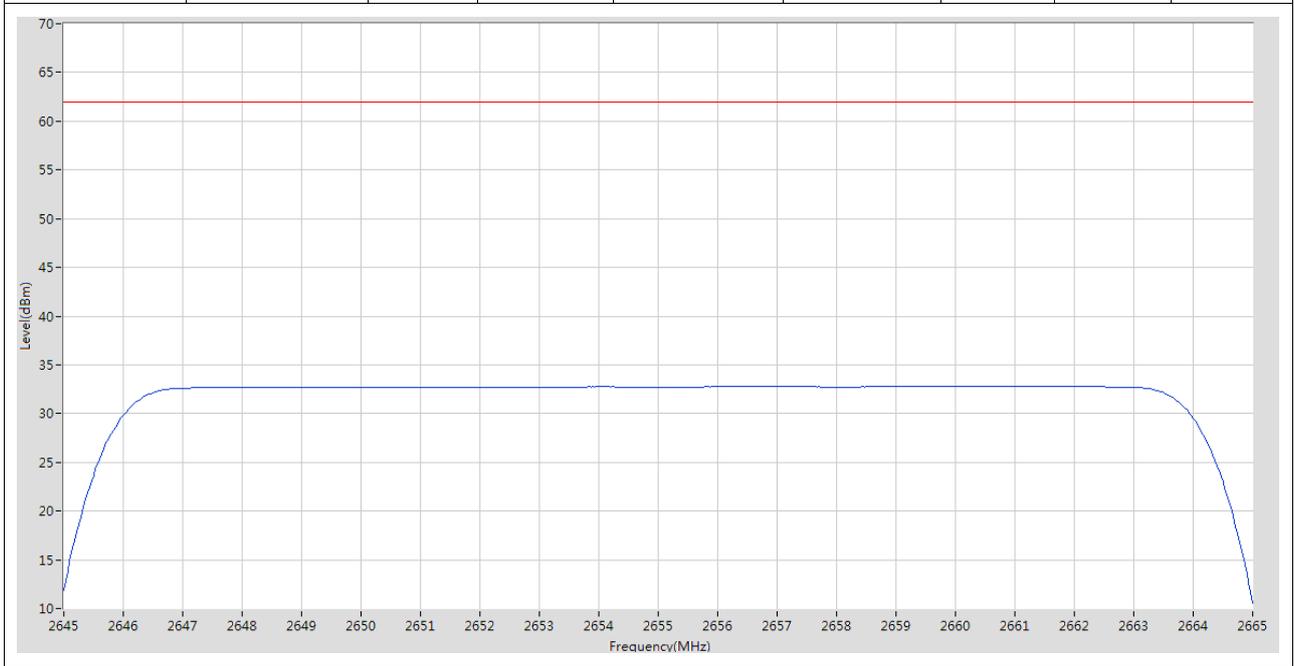
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
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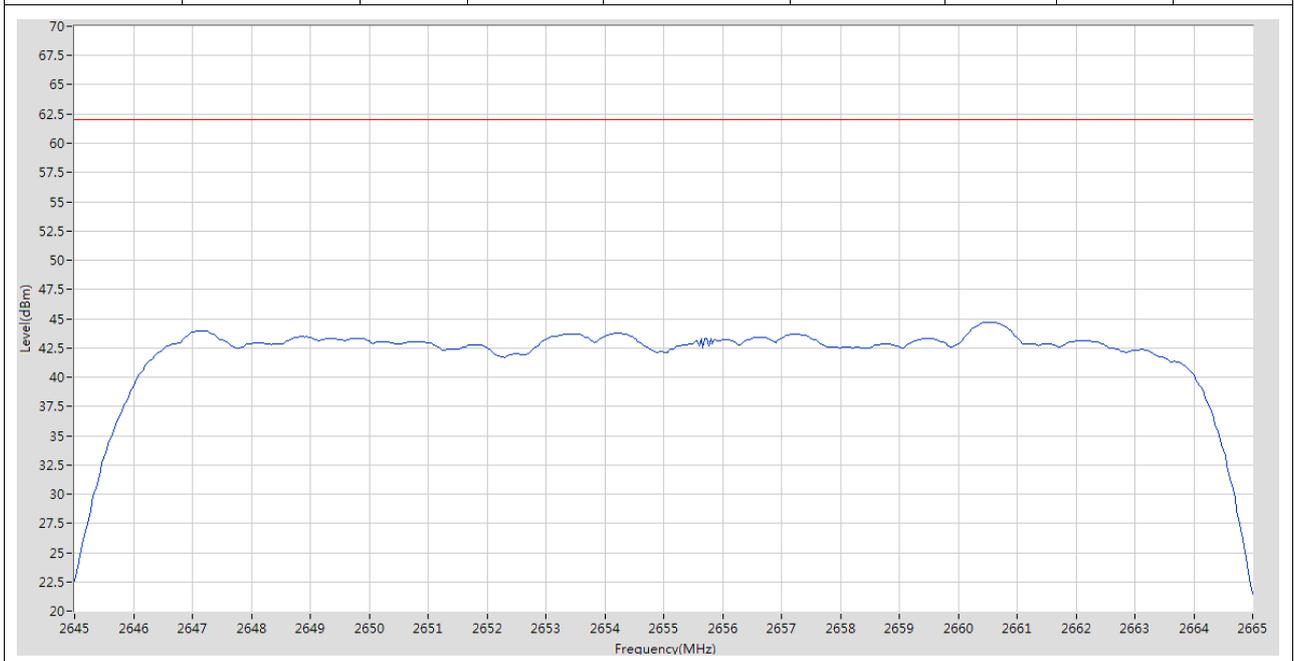


2.1.5 20M_M

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
2645	2665	1	RMS	2660.7 M	32.84	62	Pass	601



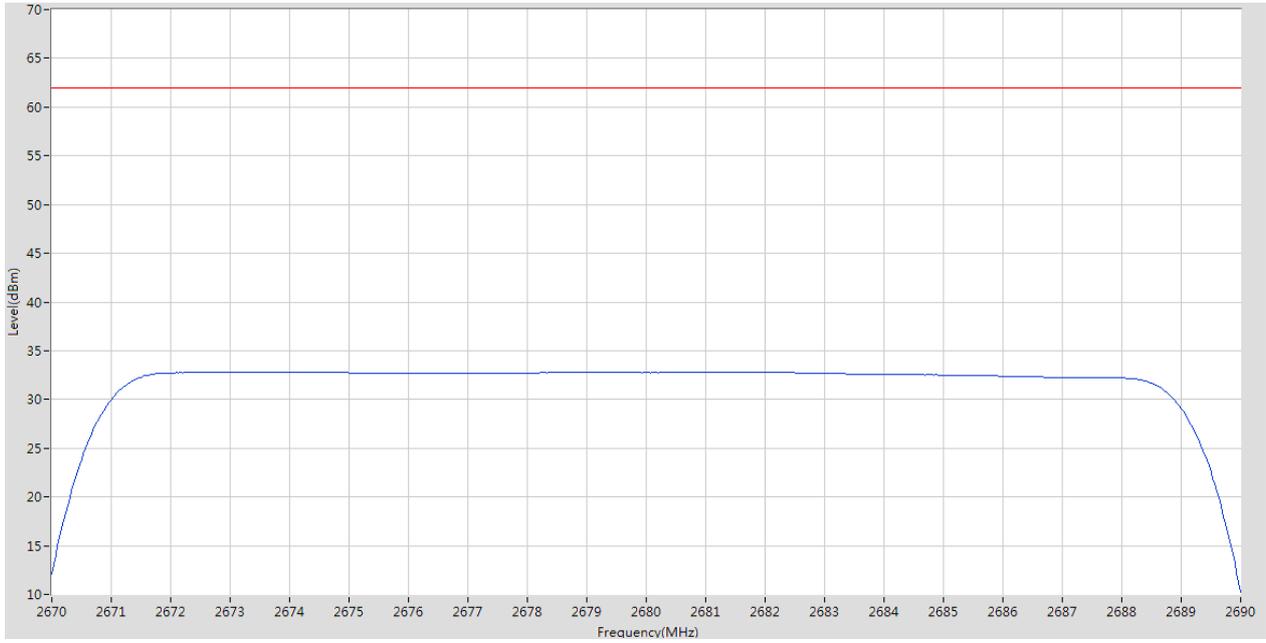
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
2645	2665	1	Peak	2660.566667 M	44.72	62	Pass	601





2.1.6 20M_T

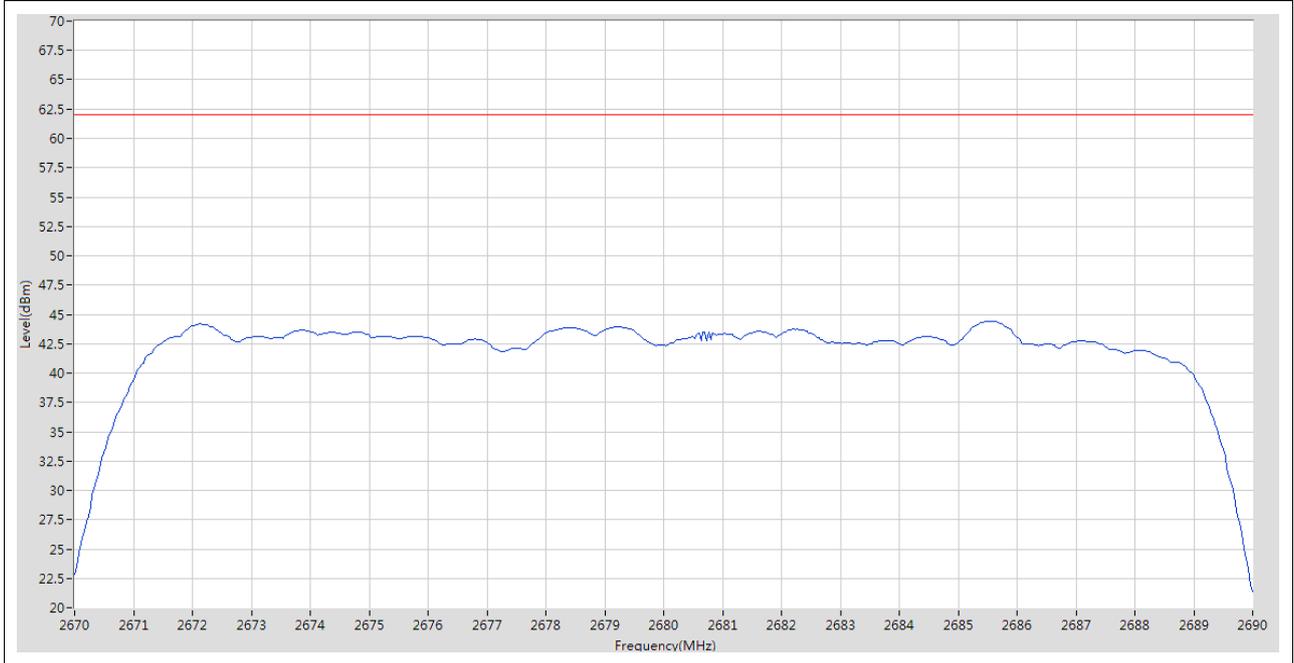
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
2670	2690	1	RMS	2679.166667 M	32.82	62	Pass	601



Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
2670	2690	1	Peak	2685.533333 M	44.41	62	Pass	601



Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
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2.2 Peak-to-Average Ratio

(Not applicable)



Appendix B1: Bandwidth



1 Result Table

1.1 Occupied Bandwidth

EUT Conf.	Occupied Bandwidth [MHz]	Verdict
5M_B	4.478908	---
5M_M	4.482517	---
5M_T	4.484784	---
10M_B	8.941885	---
10M_M	8.952415	---
10M_T	8.95434	---
15M_B	13.399126	---
15M_M	13.4185	---
15M_T	13.413313	---
20M_B	17.85225	---
20M_M	17.870326	---
20M_T	17.86823	---

1.2 Emission Bandwidth

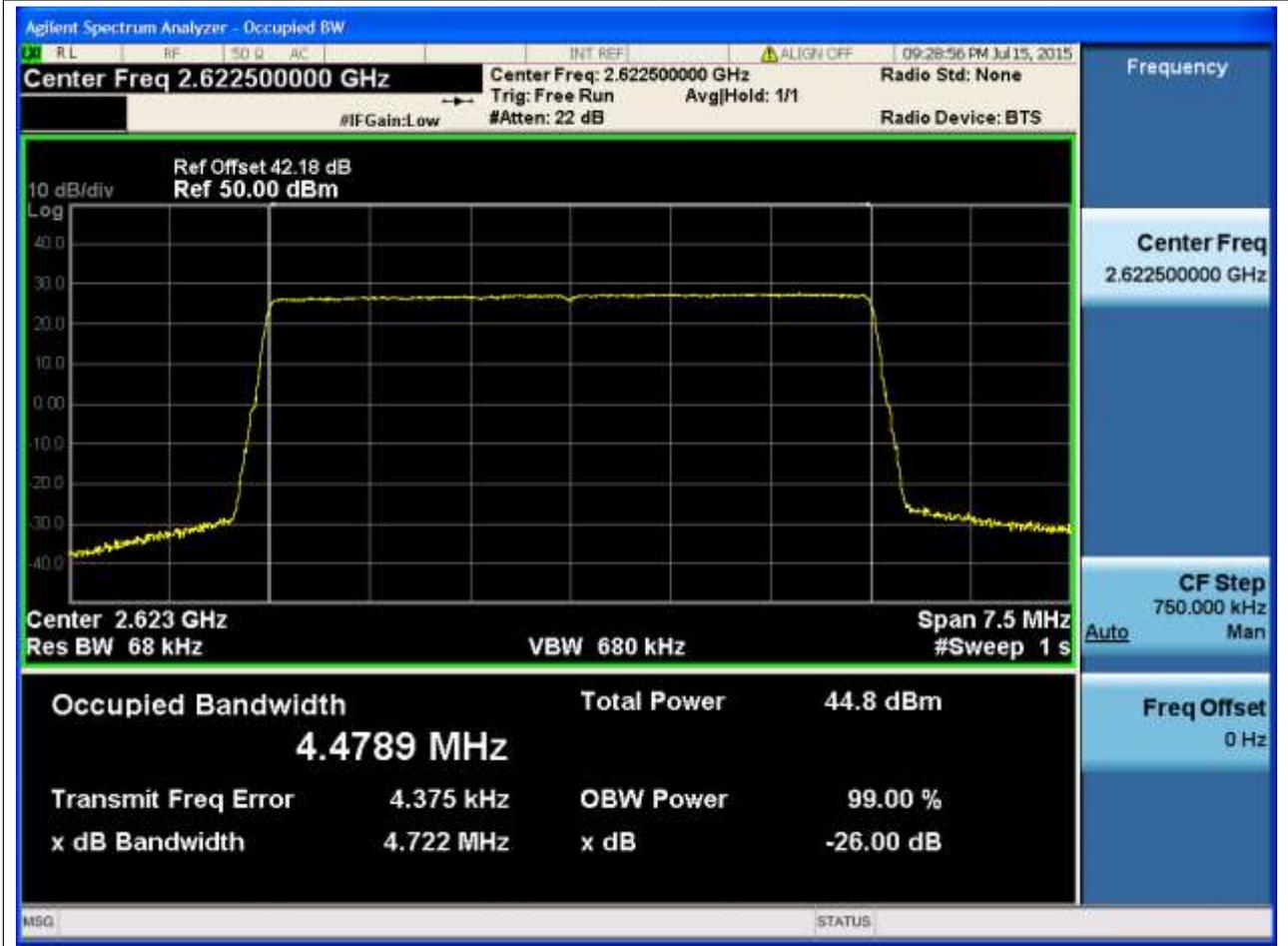
EUT Conf.	Emission Bandwidth, -26 dBc [MHz]	Verdict
5M_B	4.762368	---
5M_M	4.777472	---
5M_T	4.777728	---
10M_B	9.336064	---
10M_M	9.356288	---
10M_T	9.33632	---
15M_B	13.96608	---
15M_M	13.996032	---
15M_T	13.97632	---
20M_B	18.526208	---
20M_M	18.596352	---
20M_T	18.60608	---

2 Test Plot

2.1 Occupied Bandwidth

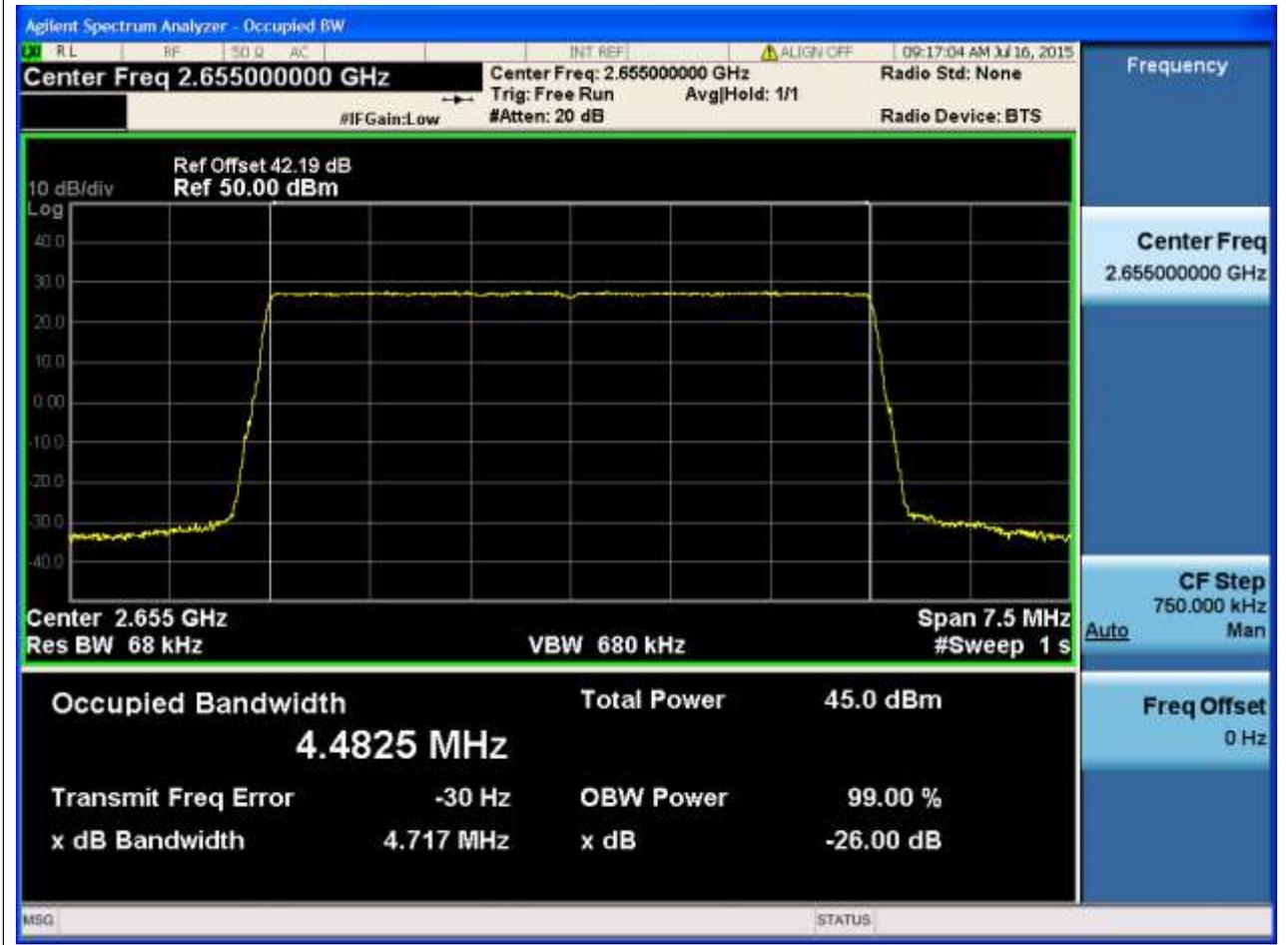
2.1.1 5M_B

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
2622.5	99	Auto	RMS	4.478908	No Conclusion



2.1.2 5M_M

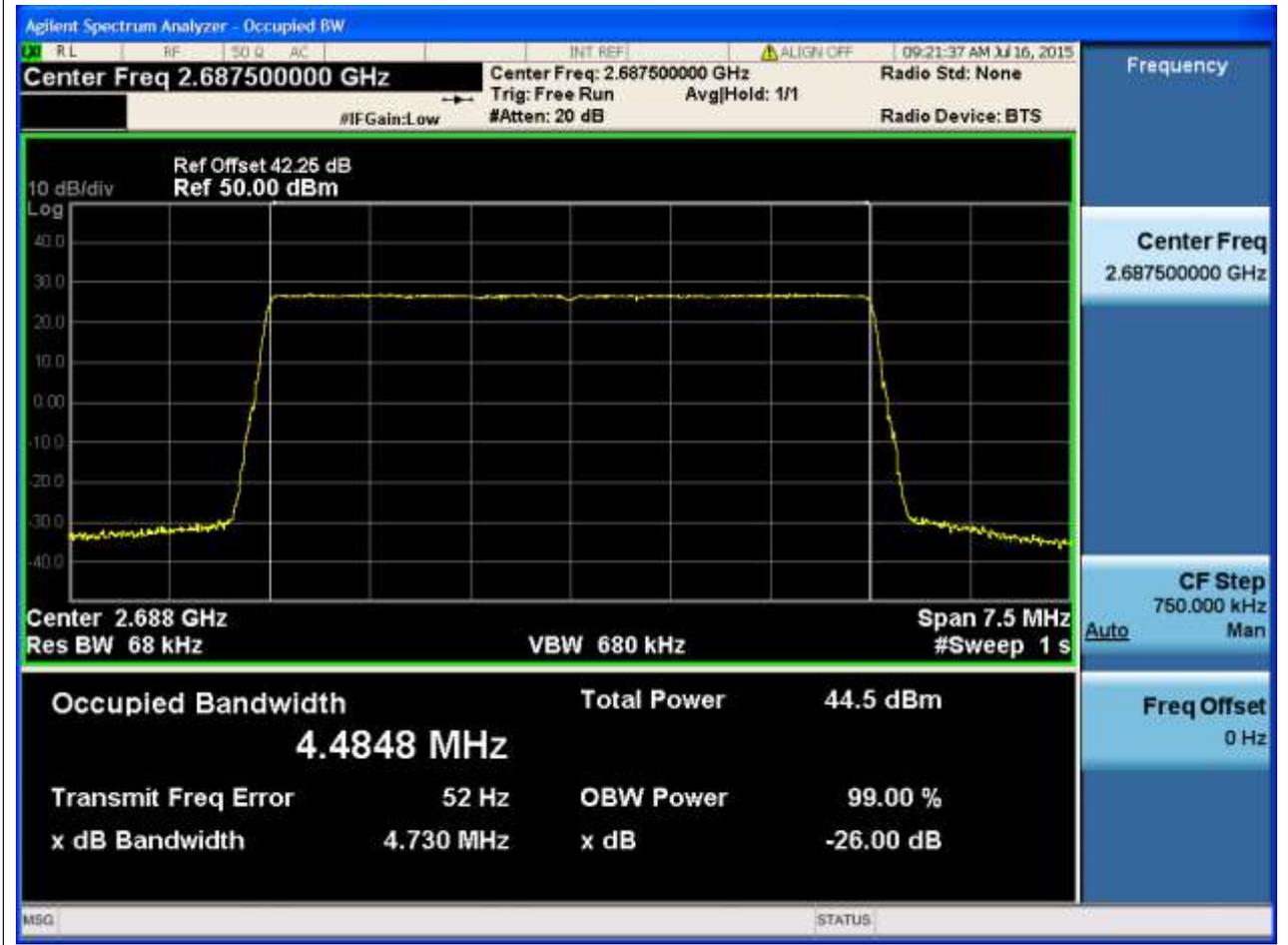
Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
2655	99	Auto	RMS	4.482517	No Conclusion





2.1.3 5M_T

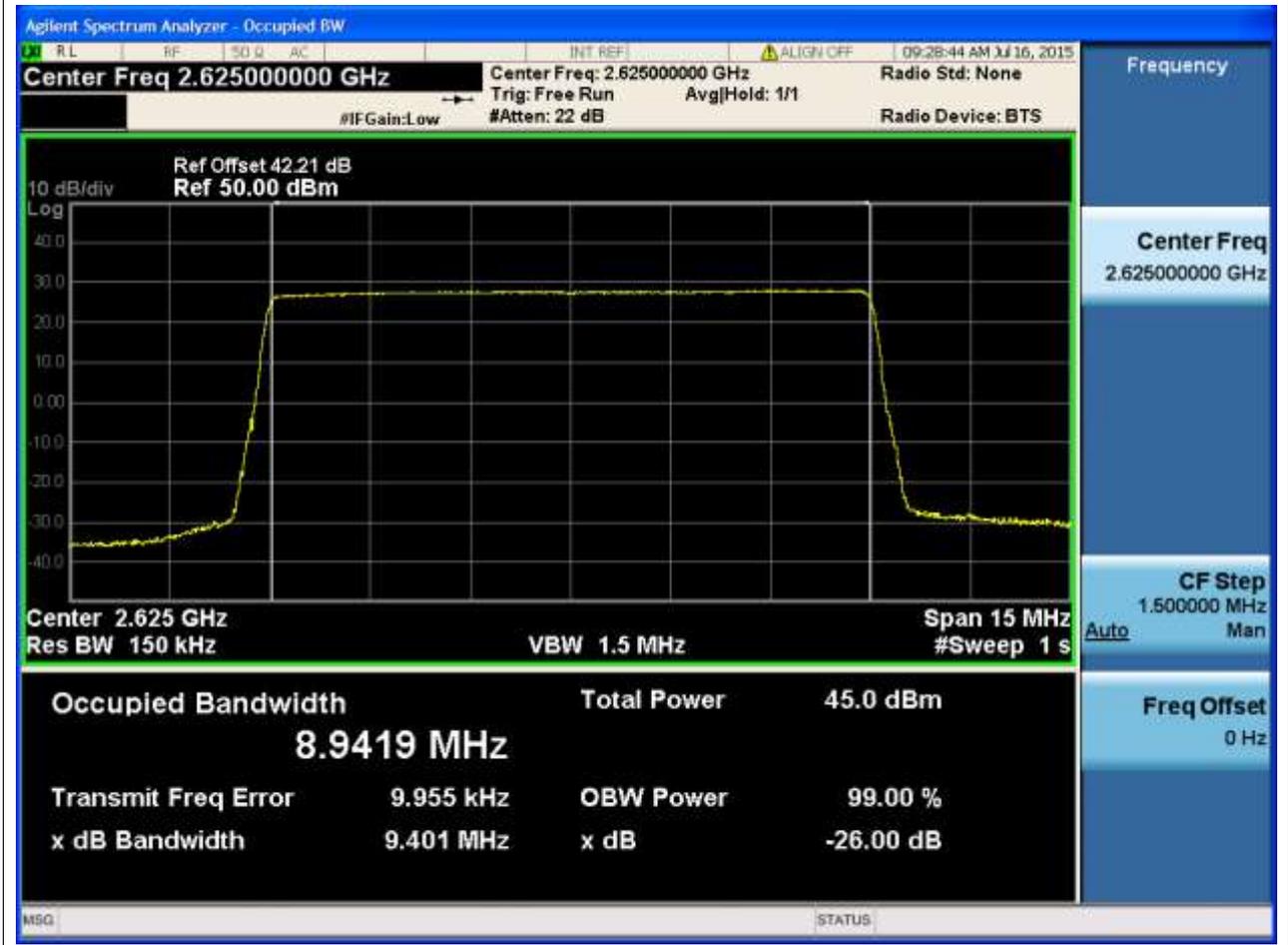
Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
2687.5	99	Auto	RMS	4.484784	No Conclusion





2.1.4 10M_B

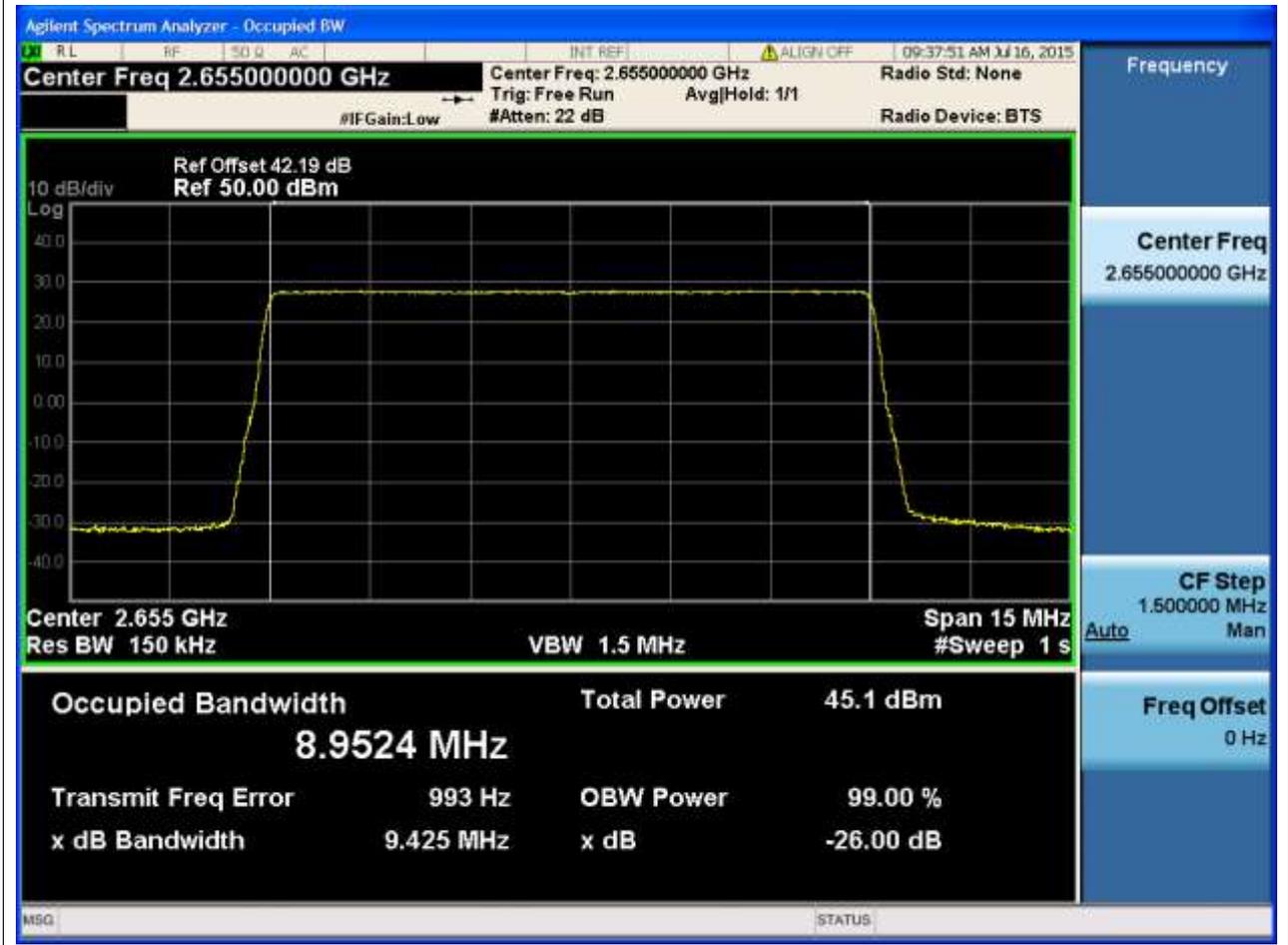
Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
2625	99	Auto	RMS	8.941885	No Conclusion





2.1.5 10M_M

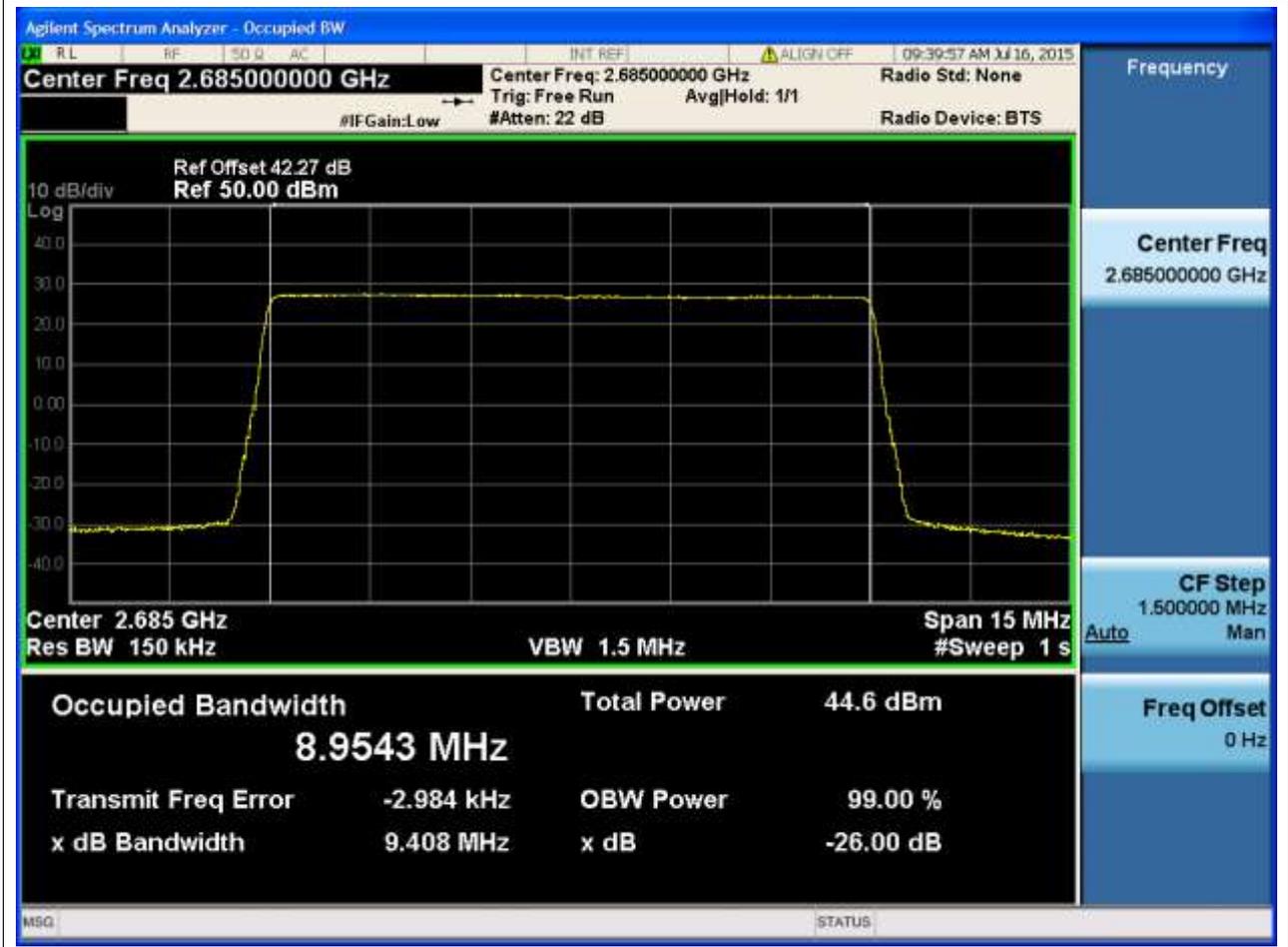
Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
2655	99	Auto	RMS	8.952415	No Conclusion





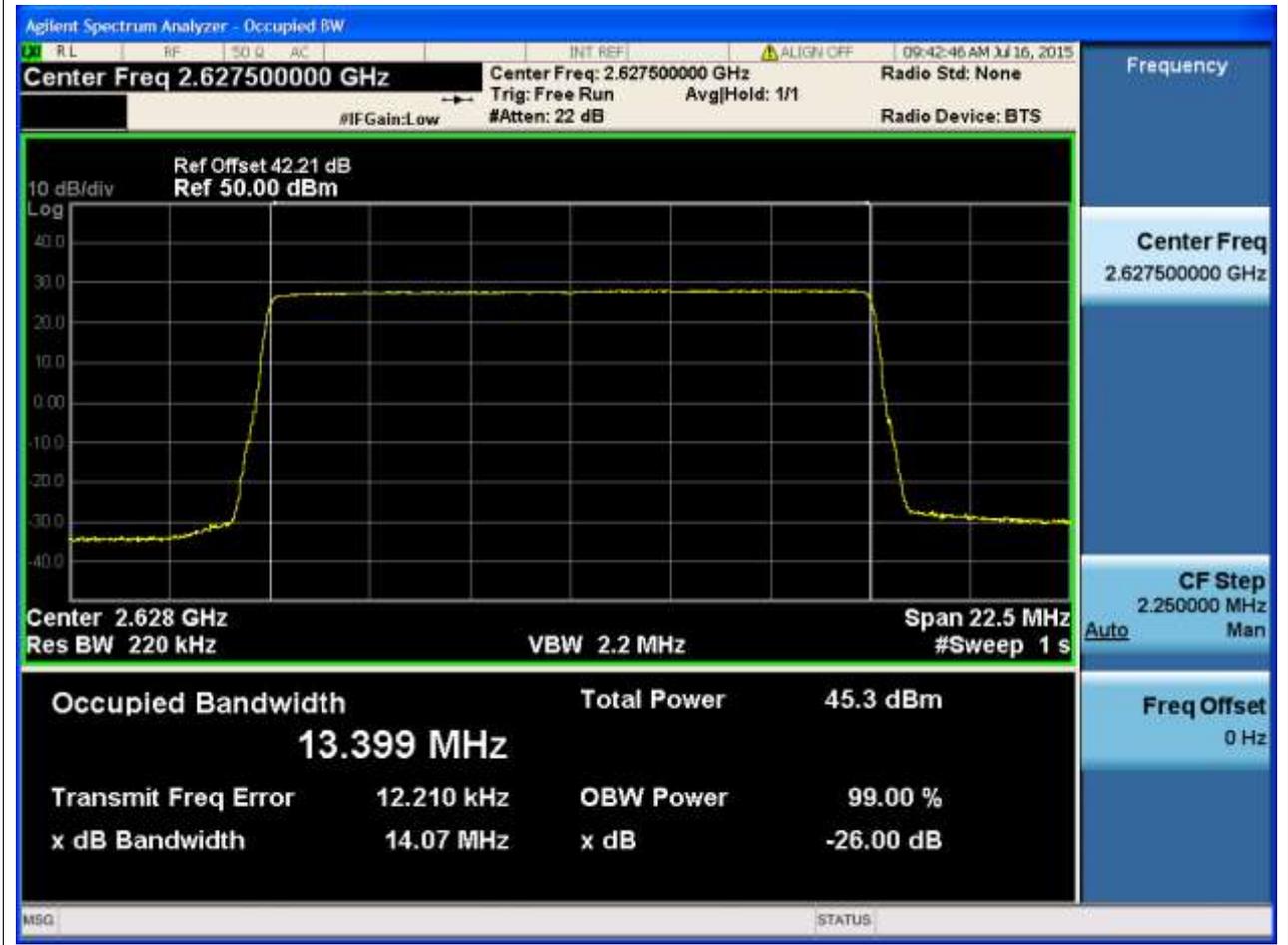
2.1.6 10M_T

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
2685	99	Auto	RMS	8.95434	No Conclusion



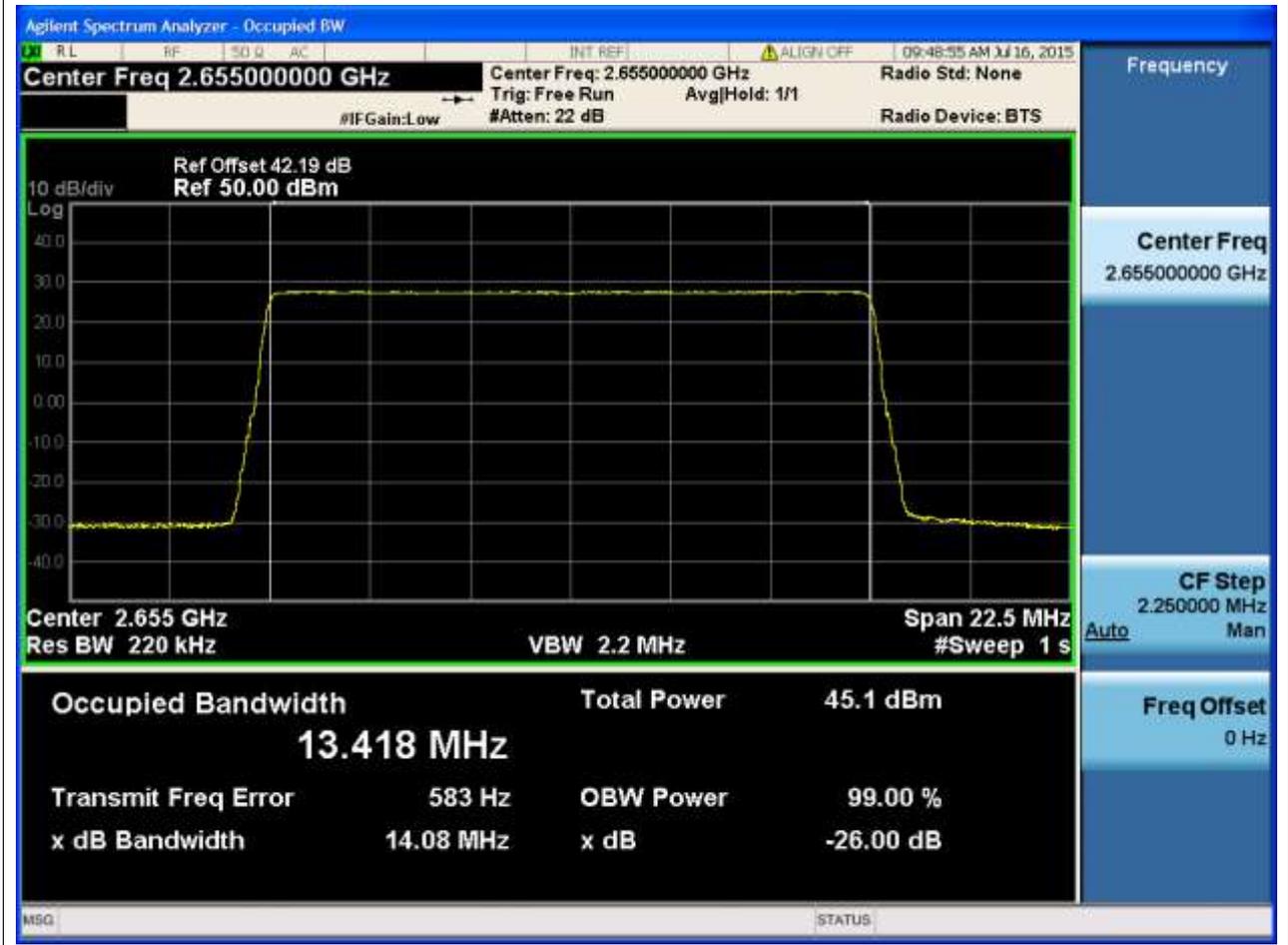
2.1.7 15M_B

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
2627.5	99	Auto	RMS	13.399126	No Conclusion



2.1.8 15M_M

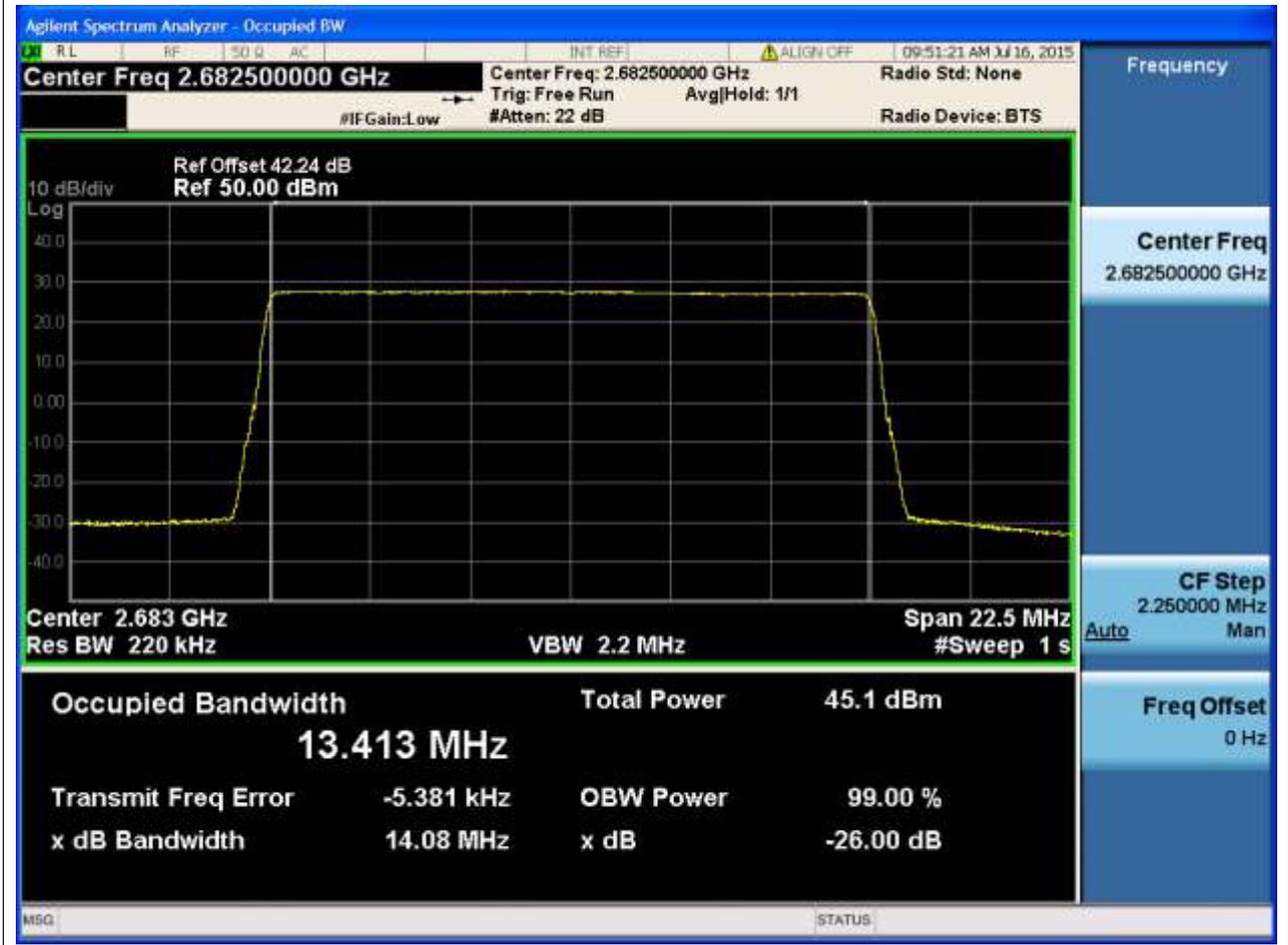
Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
2655	99	Auto	RMS	13.4185	No Conclusion





2.1.9 15M_T

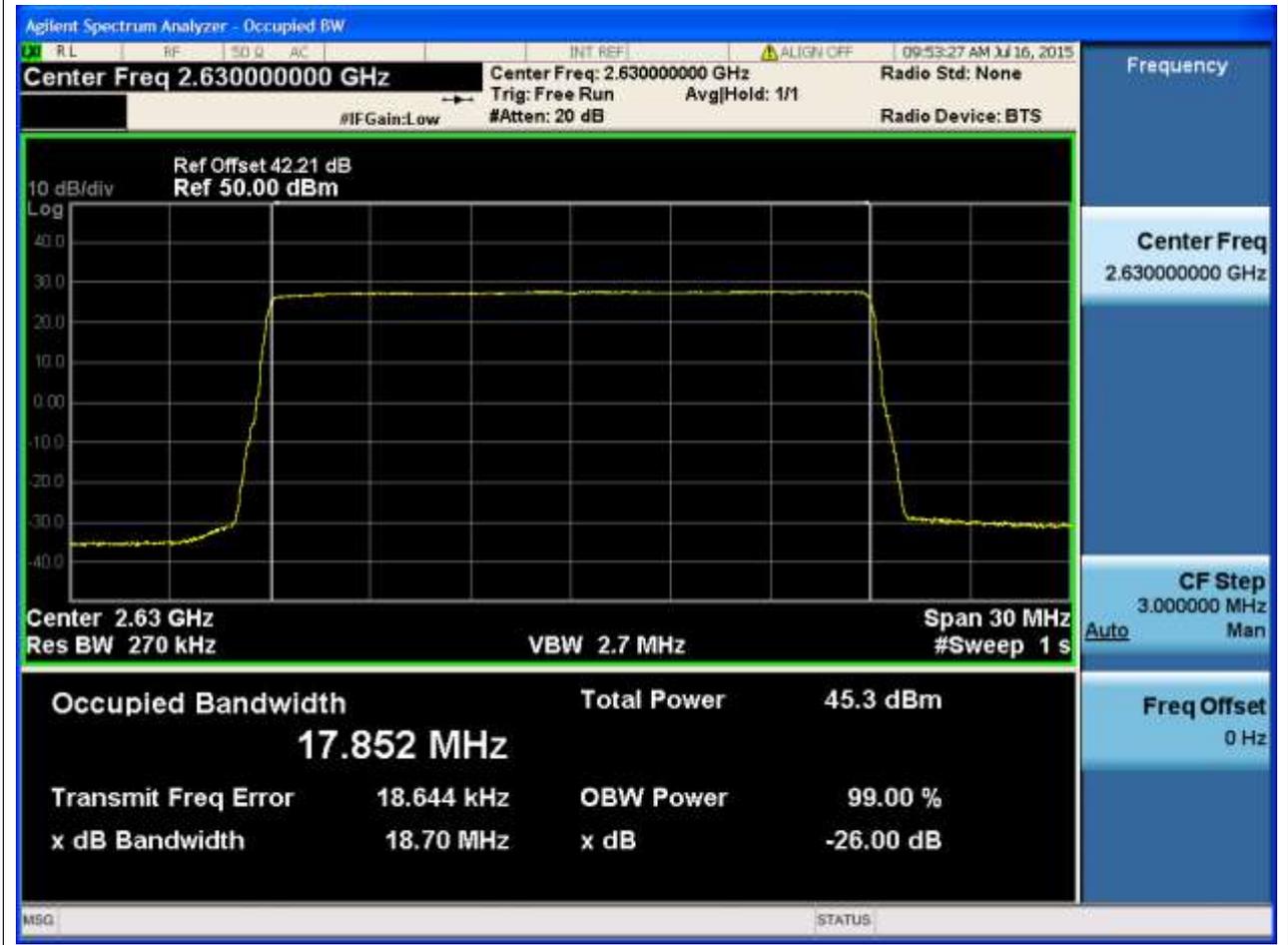
Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
2682.5	99	Auto	RMS	13.413313	No Conclusion





2.1.10 20M_B

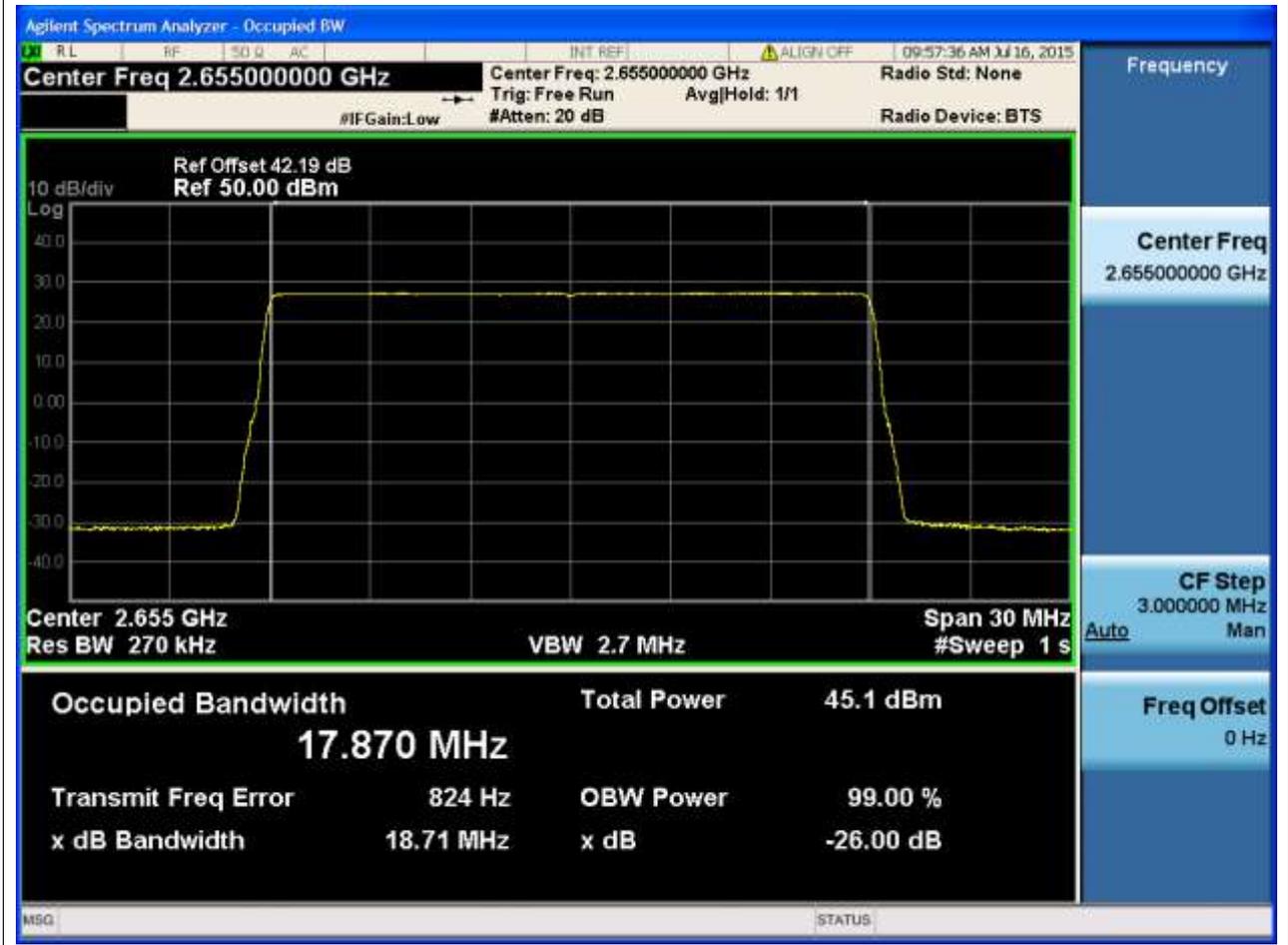
Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
2630	99	Auto	RMS	17.85225	No Conclusion





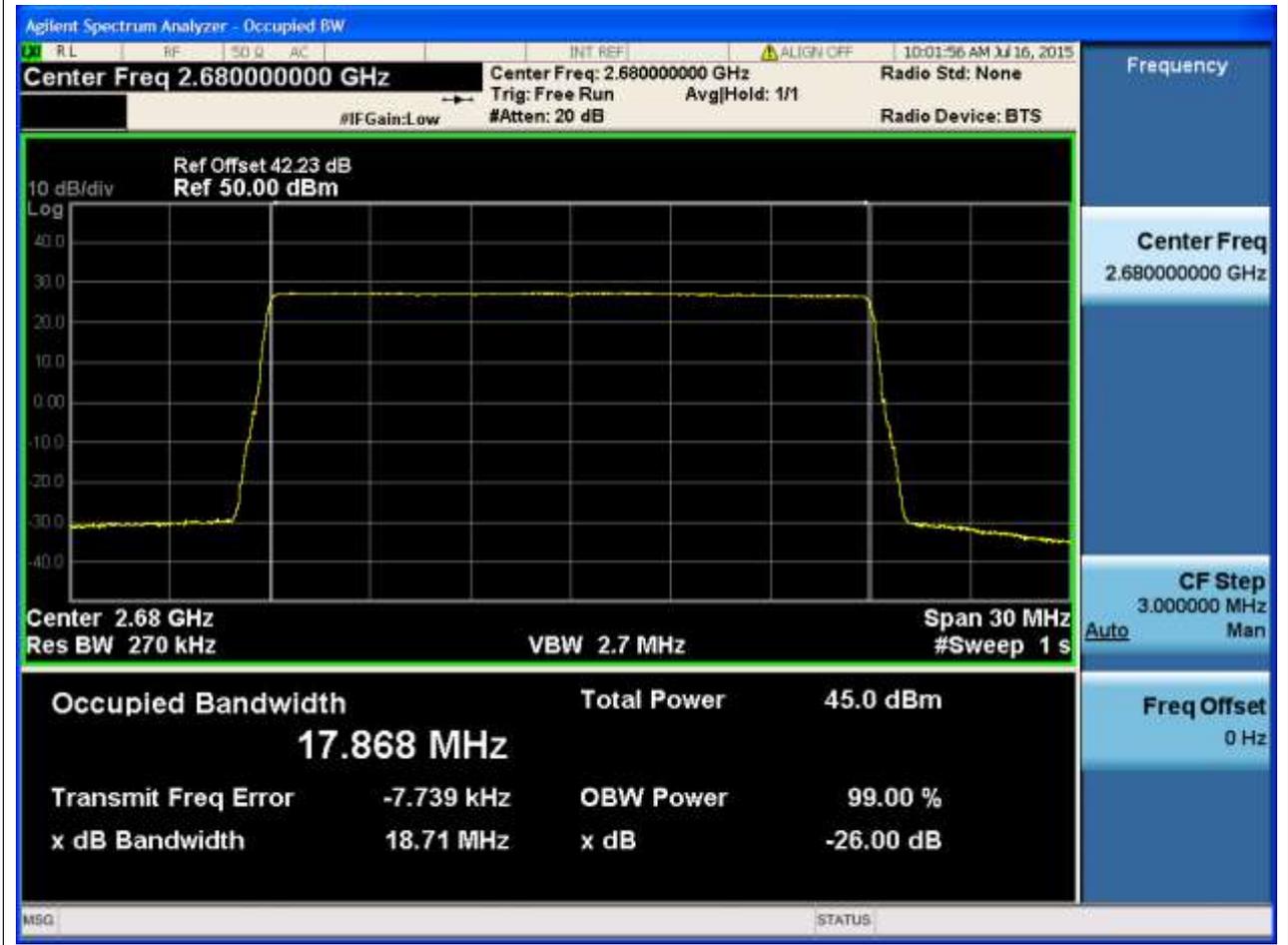
2.1.11 20M_M

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
2655	99	Auto	RMS	17.870326	No Conclusion



2.1.12 20M_T

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
2680	99	Auto	RMS	17.86823	No Conclusion



2.2 Emission Bandwidth (-26dBc)

2.2.1 5M_B

Center Frequency [MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
2622.5	7.5	26	0.1	RMS	4.7623 68	5	2620.12 2624	2620	2624.8 84992	2690	Pass



2.2.2 5M_M

Center Frequency [MHz]	Span [MHz]	Res BW [dB]	RBW [MHz]	Detector	Res BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
2655	7.5	26	0.1	RMS	4.777472	5	2652.614912	2657.392384	2690	Pass



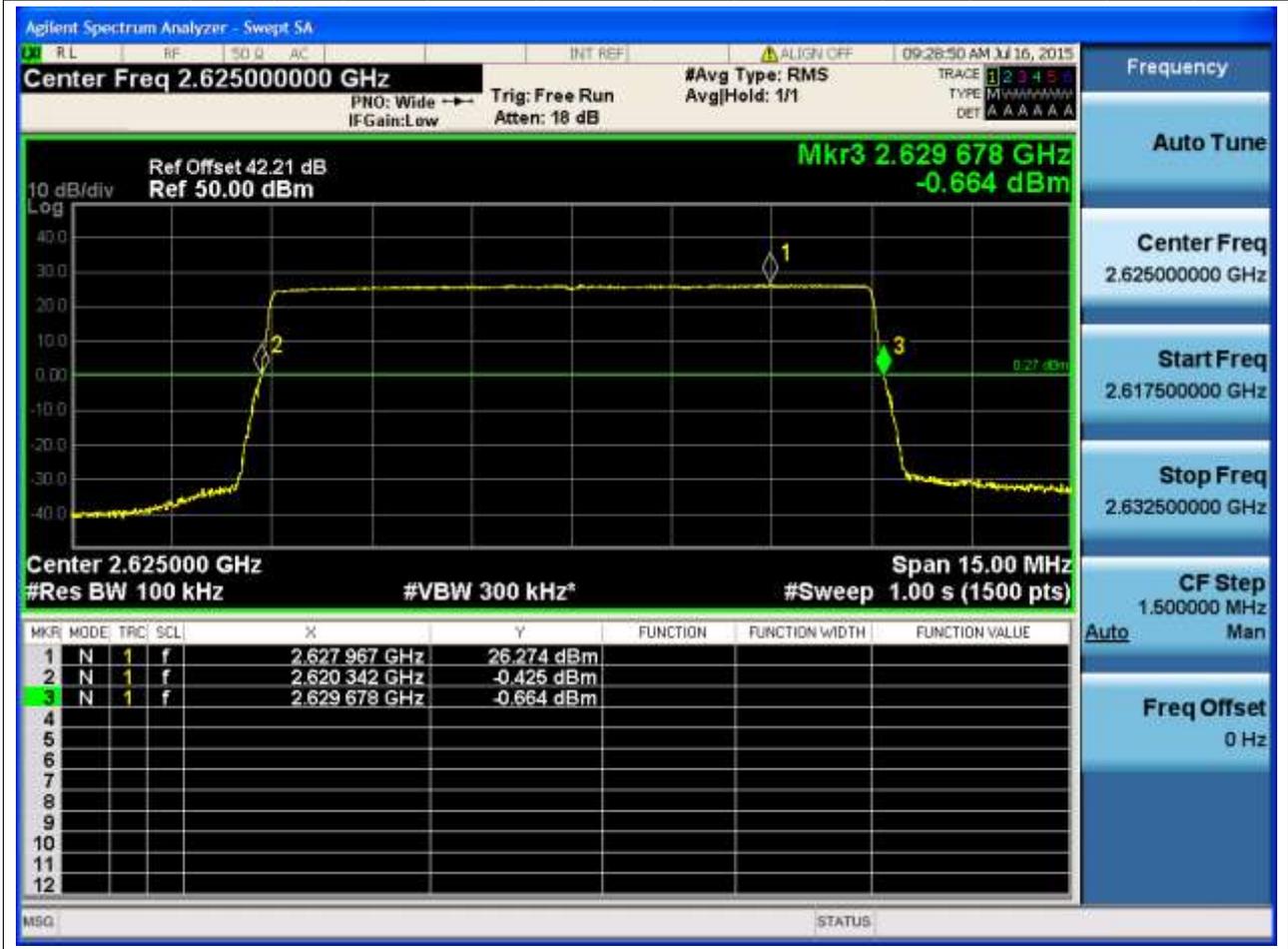
2.2.3 5M_T

Center Frequency [MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
2687.5	7.5	26	0.1	RMS	4.777728	5	2685.11488	2620	2689.892608	2690	Pass



2.2.4 10M_B

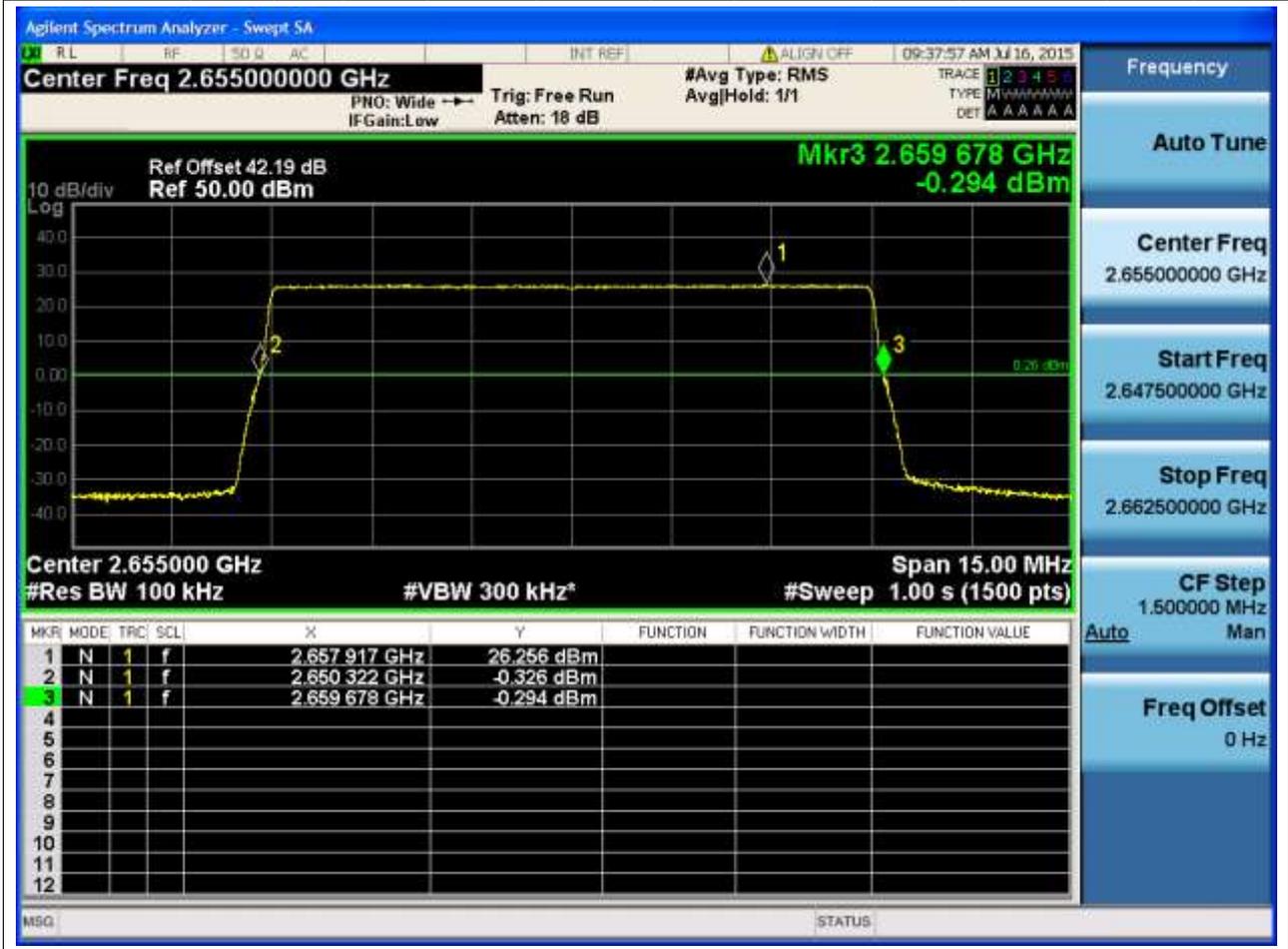
Center Frequency [MHz]	Span [MHz]	Res BW [dB]	RBW [MHz]	Detect or	Res BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
2625	15	26	0.1	RMS	9.336064	10	2620.342016	2620	2629.67808	2690	Pass





2.2.5 10M_M

Center Frequency [MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detect or	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
2655	15	26	0.1	RMS	9.356288	10	2650.32192	2620	2659.678208	2690	Pass





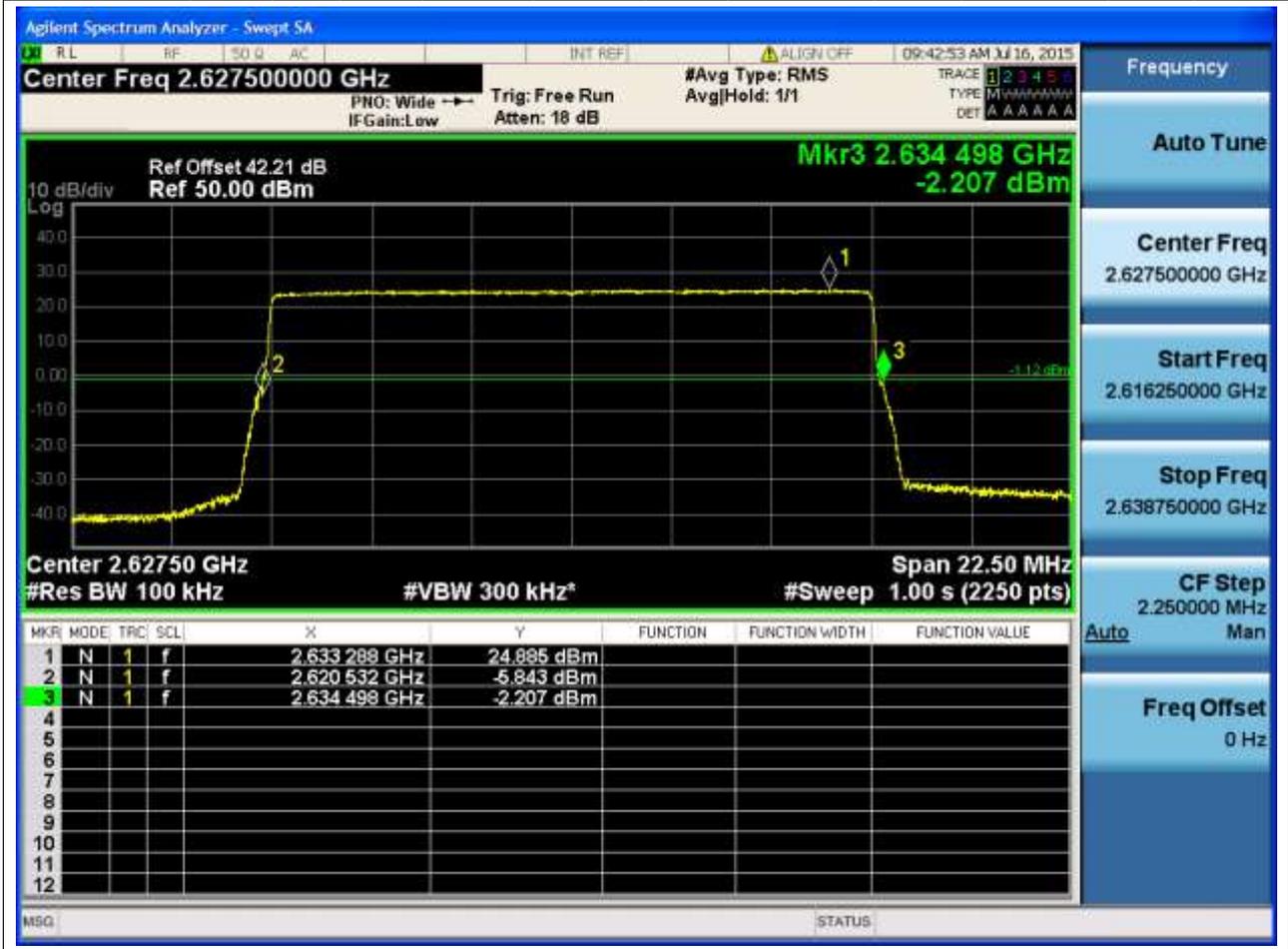
2.2.6 10M_T

Center Frequency [MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
2685	15	26	0.1	RMS	9.33632	10	2680.33176	2620	2689.66896	2690	Pass



2.2.7 15M_B

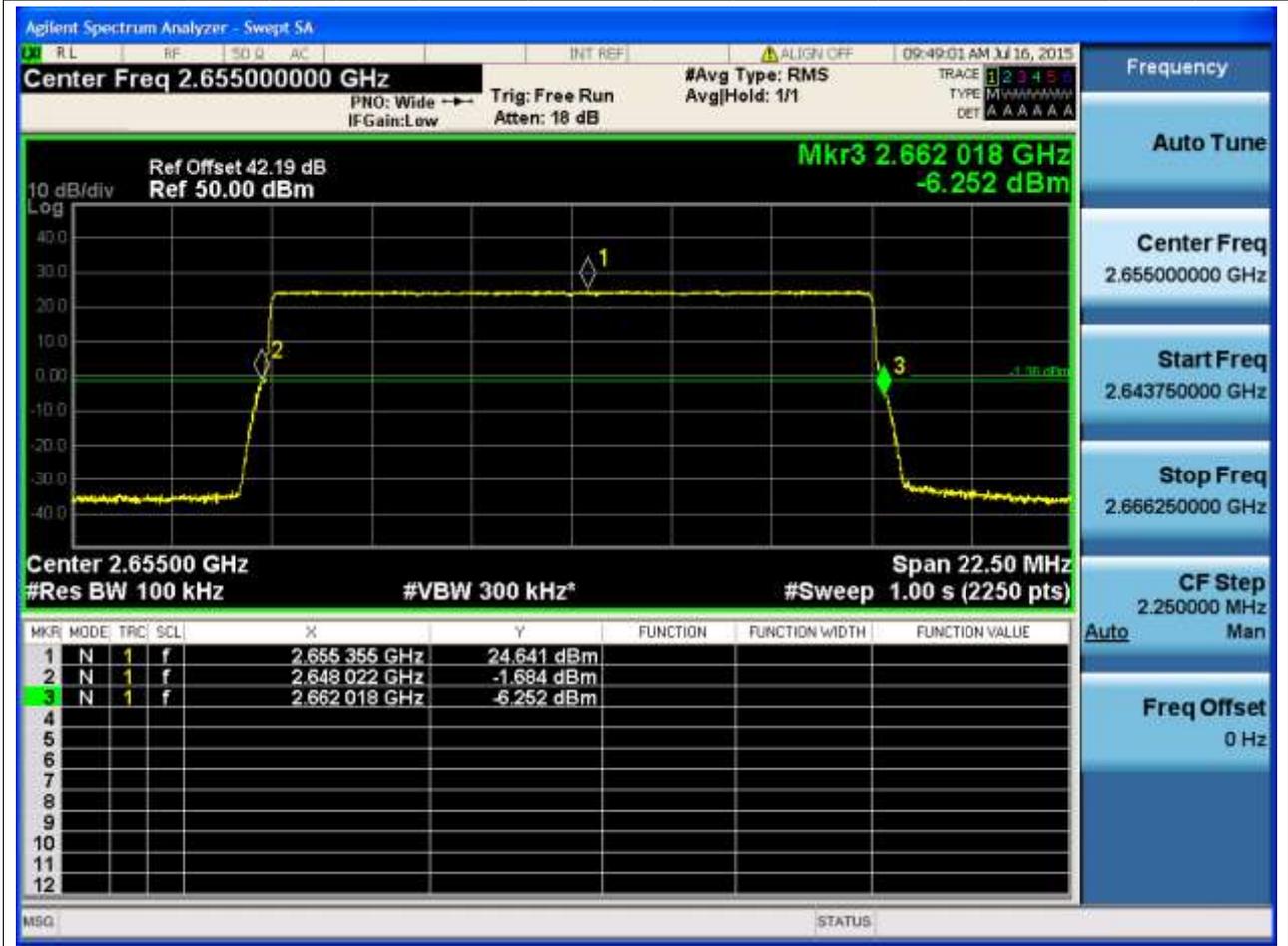
Center Frequency [MHz]	Span [MHz]	Resolution Bandwidth [dB]	Resolution Bandwidth [MHz]	Detect or	Reference Bandwidth [MHz]	Bandwidth Limit [MHz]	Lower Limit [MHz]	Upper Limit [MHz]	Upper Limit [MHz]	Verdict	
2627.5	22.5	26	0.1	RMS	13.96608	15	2620.531968	2620	2634.498048	2690	Pass





2.2.8 15M_M

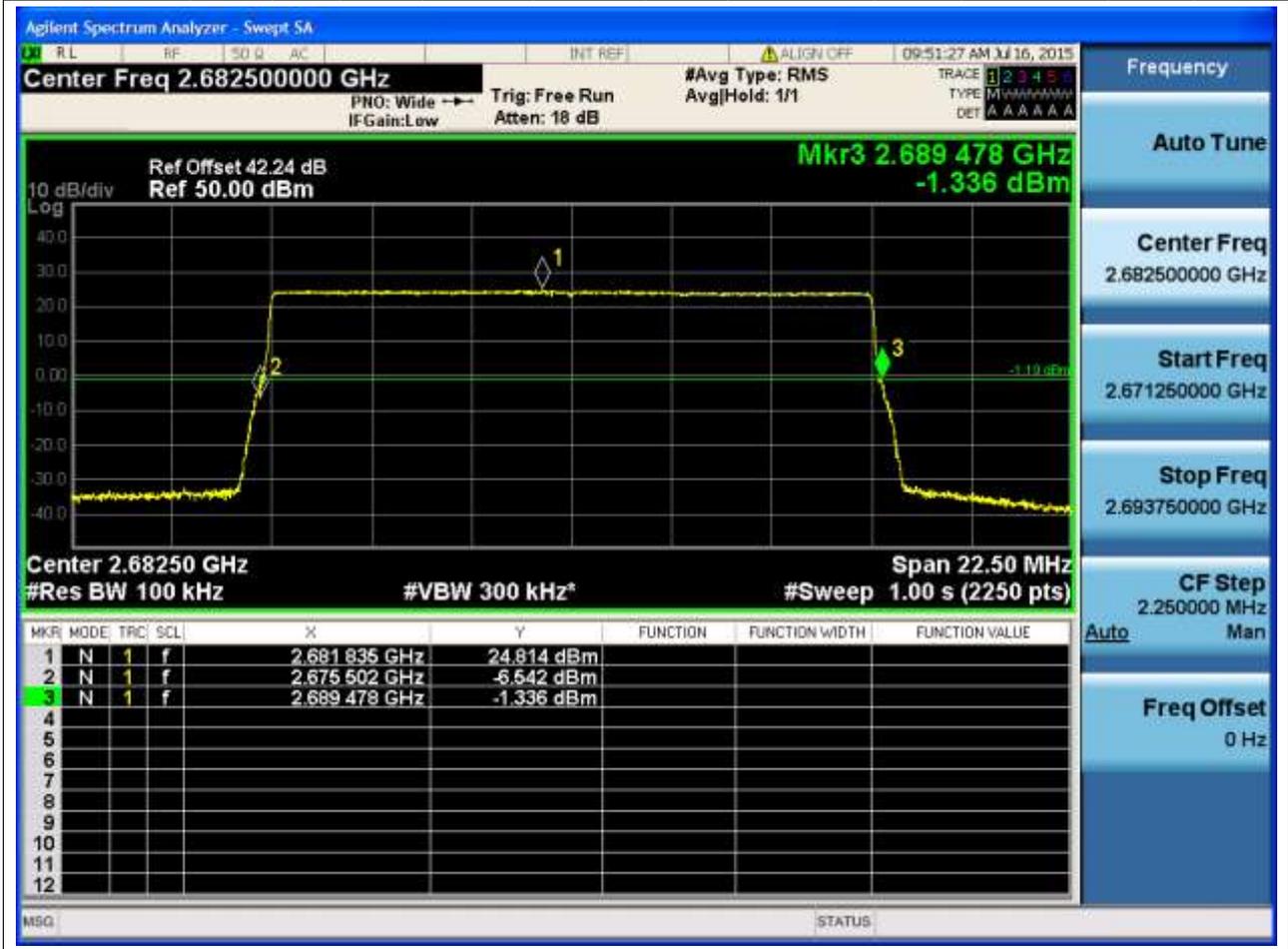
Center Frequency [MHz]	Span [MHz]	Resolution Bandwidth [dB]	Resolution Bandwidth [MHz]	Detection	Reference Bandwidth [MHz]	Bandwidth Limit [MHz]	Lower Limit [MHz]	Upper Limit [MHz]	Upper Limit [MHz]	Verdict	
2655	22.5	26	0.1	RMS	13.996032	15	2648.022016	2620	2662.018048	2690	Pass





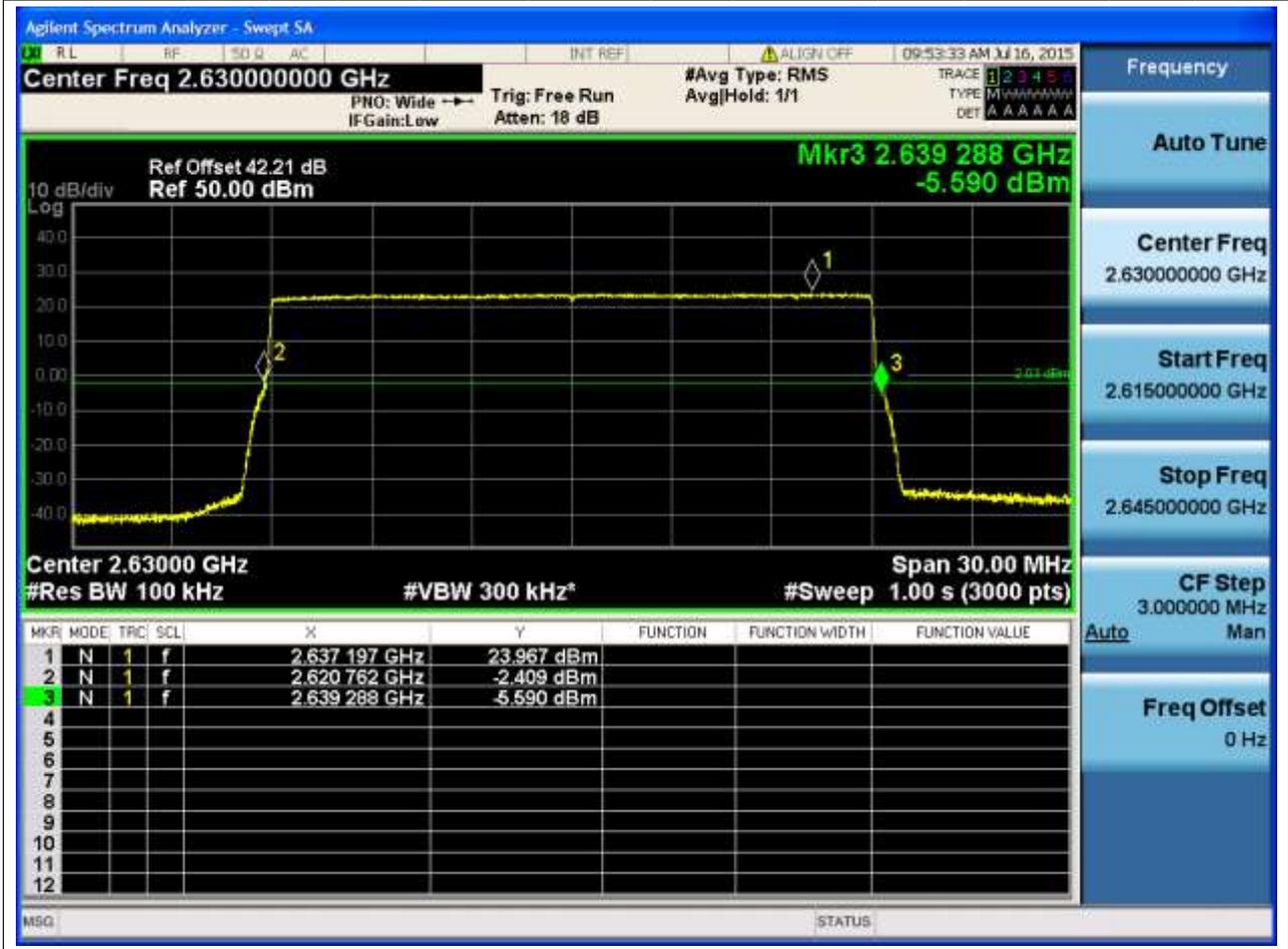
2.2.9 15M_T

Center Frequency [MHz]	Span [MHz]	Res BW [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
2682.5	22.5	26	0.1	RMS	13.976 32	15	2675.5018 24	2689.4781 44	2690	Pass



2.2.10 20M_B

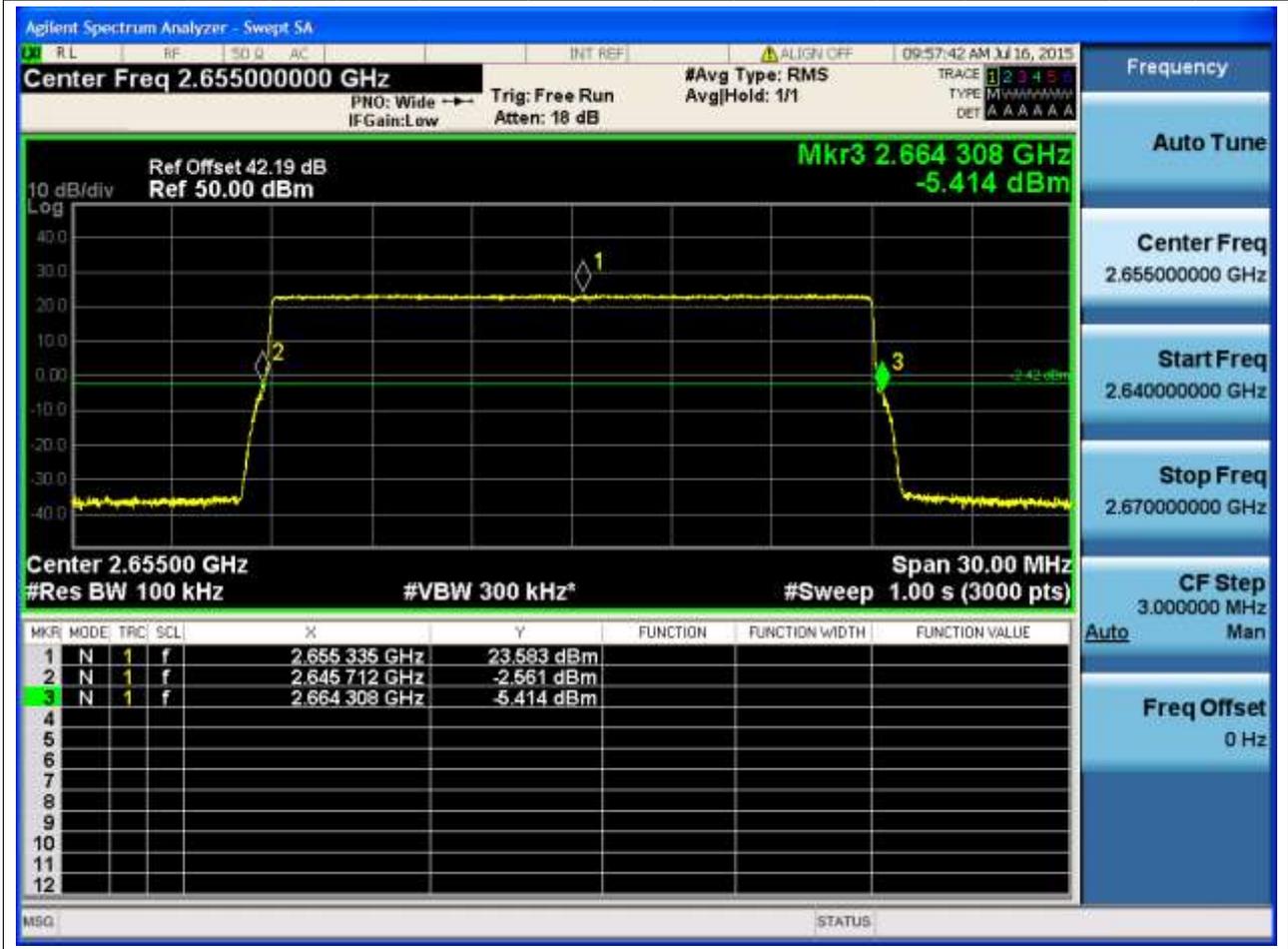
Center Frequency [MHz]	Span [MHz]	Res BW [dB]	RBW [MHz]	Detect or	Res BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Upper Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
2630	30	26	0.1	RMS	18.526208	20	2620.761856	2620	2639.28864	2690	Pass





2.2.11 20M_M

Center Frequency [MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
2655	30	26	0.1	RMS	18.596352	20	2645.711872	2620	2664.308224	2690	Pass





2.2.12 20M_T

Center Frequency [MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
2680	30	26	0.1	RMS	18.60608	20	2670.631936	2620	2689.238016	2690	Pass





Appendix C1: Band Edges Compliance



1 Result Table

NOTE: The offset of measurement filter -3dB point may be considered when identifying the maximum emission for e.g. the CDMA, WCDMA, WiMAX, LTE systems.

EUT Conf.	Maximum Emission [dBm]	Verdict
5M_B	<-13	Pass
5M_T	<-13	Pass
20M_B	<-13	Pass
20M_T	<-13	Pass
2L_5+5_B	<-13	Pass
2L_5+5_T	<-13	Pass

2 Test Plot

2.1 5M_B

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
2620	2	0.051	RMS	Pass	1001



Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
2625	2	0.051	RMS	Pass	1001



2.2 5M_T

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
2685	2	0.051	RMS	Pass	1001



Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
2690	2	0.051	RMS	Pass	1001



2.3 20M_B

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
2620	2	0.2	RMS	Pass	1001



Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
2640	2	0.2	RMS	Pass	1001



2.4 20M_T

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
2670	2	0.2	RMS	Pass	1001



Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
2690	2	0.2	RMS	Pass	1001



2.5 2L_5+5_B

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
2620	2	0.051	RMS	Pass	1001



Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
2625	2	0.051	RMS	Pass	1001



Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
2675	2	0.051	RMS	Pass	1001



Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
2680	2	0.051	RMS	Pass	1001



2.6 2L_5+5_T

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
2630	2	0.051	RMS	Pass	1001



Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
2635	2	0.051	RMS	Pass	1001



Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
2685	2	0.051	RMS	Pass	1001



Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
2690	2	0.051	RMS	Pass	1001





Appendix D1: Spurious Emission at Antenna Terminals



1 Result Table

EUT Conf.	Maximum Emission [dBm]	Verdict
5M_B	<-13	Pass
5M_M	<-13	Pass
5M_T	<-13	Pass
20M_B	<-13	Pass
20M_M	<-13	Pass
20M_T	<-13	Pass
2L_20+20_B	<-13	Pass
2L_20+20_T	<-13	Pass
3L_5+5+5_B	<-13	Pass
3L_5+5+5_T	<-13	Pass

2 Test Plot

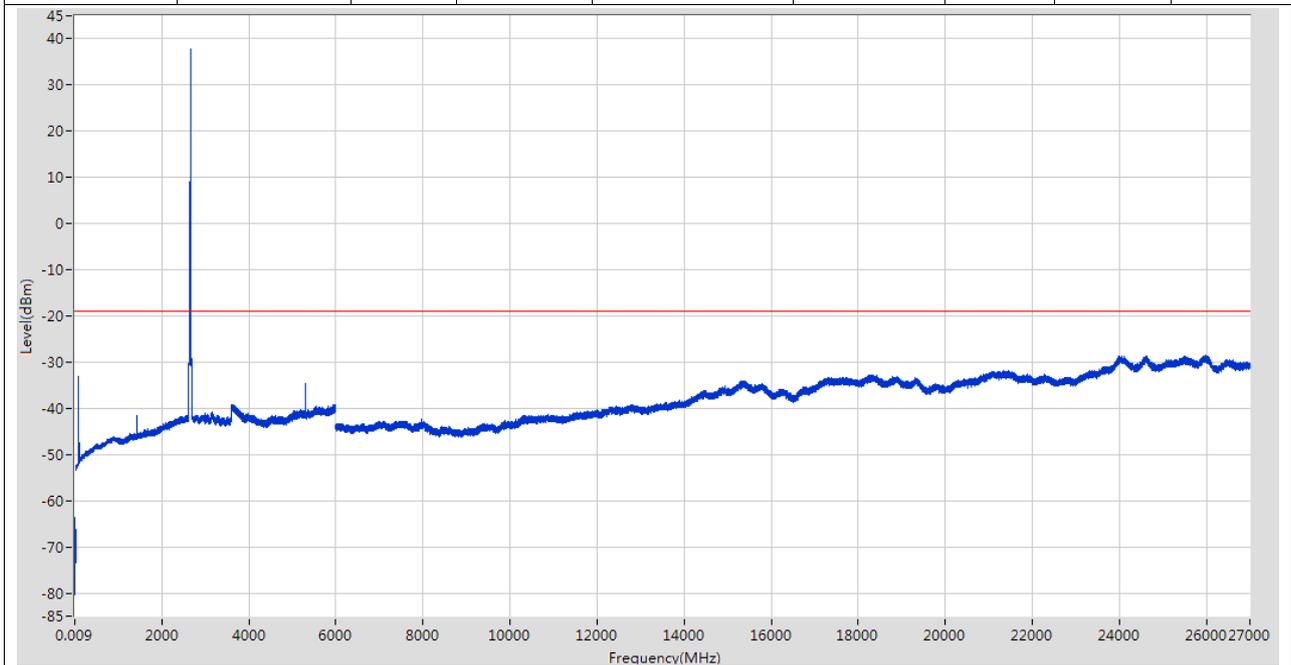
2.1 5M_B

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
0.009	0.15	0.001	RMS	86.127 k	-60.04	-19	Pass	1001
0.15	30	0.01	RMS	2.176136 M	-62.98	-19	Pass	14925
30	1000	1	RMS	61.206434 M	-32.68	-19	Pass	4850
1000	3000	1	RMS	2623.762376 M	37.42	-19	---	10000
3000	6000	1	RMS	5244.949663 M	-34.72	-19	Pass	15000
6000	27000	1	RMS	25968.158723 M	-28.29	-19	Pass	105000



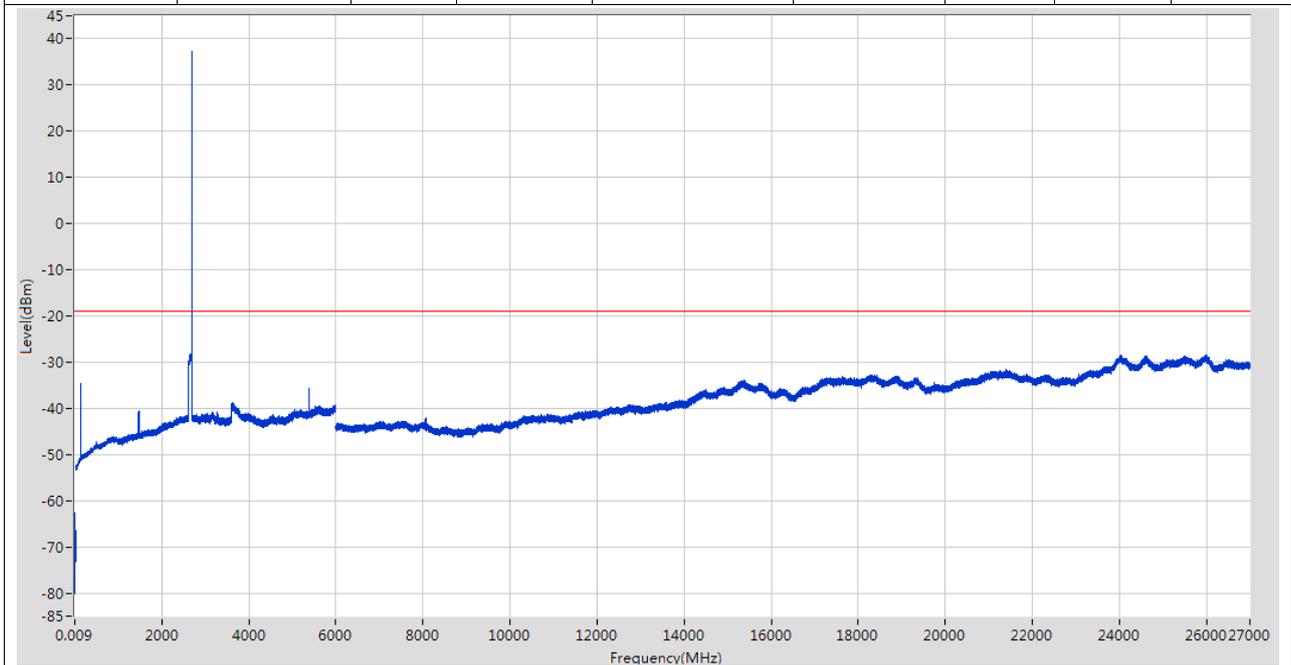
2.2 5M_M

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
0.009	0.15	0.001	RMS	23.241 k	-63.86	-19	Pass	1001
0.15	30	0.01	RMS	2.176136 M	-63.66	-19	Pass	14925
30	1000	1	RMS	93.613116 M	-33.06	-19	Pass	4850
1000	3000	1	RMS	2653.565357 M	37.73	-19	---	10000
3000	6000	1	RMS	5310.75405 M	-34.75	-19	Pass	15000
6000	27000	1	RMS	25981.559259 M	-28.45	-19	Pass	105000



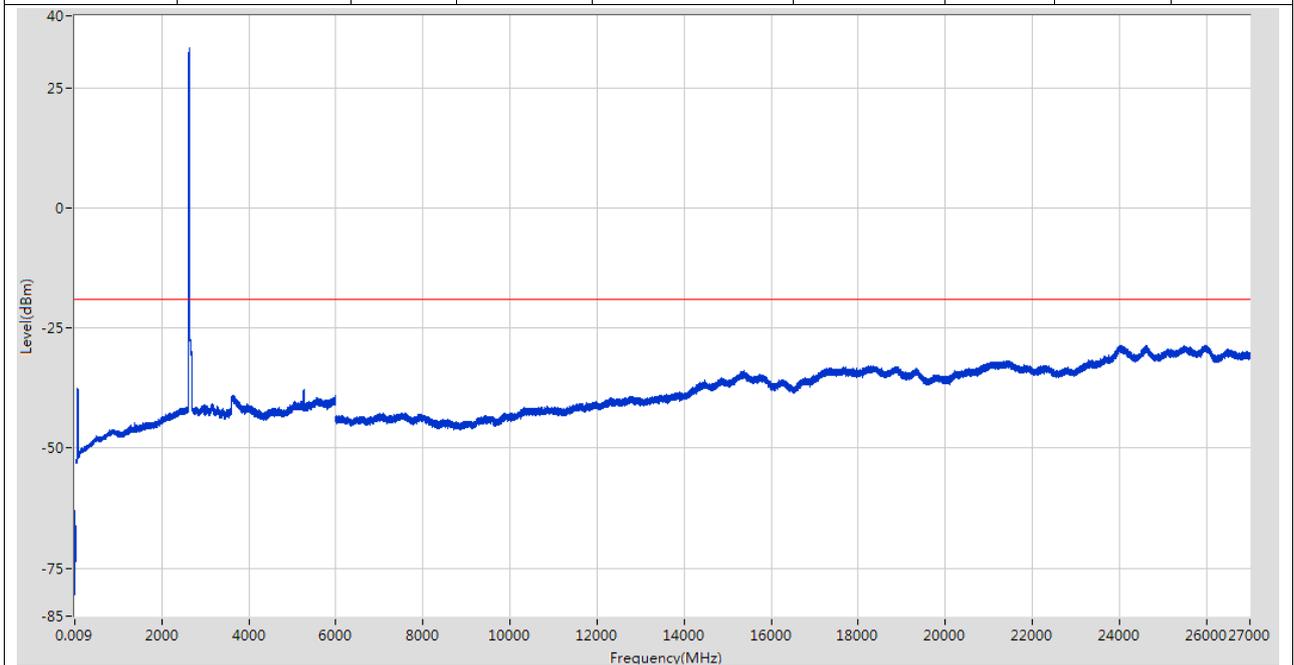
2.3 5M_T

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
0.009	0.15	0.001	RMS	22.818 k	-64.55	-19	Pass	1001
0.15	30	0.01	RMS	2.176136 M	-62.52	-19	Pass	14925
30	1000	1	RMS	126.41988 M	-34.53	-19	Pass	4850
1000	3000	1	RMS	2687.768777 M	37.41	-19	---	10000
3000	6000	1	RMS	5375.158344 M	-35.7	-19	Pass	15000
6000	27000	1	RMS	24047.281882 M	-28.44	-19	Pass	105000



2.4 20M_B

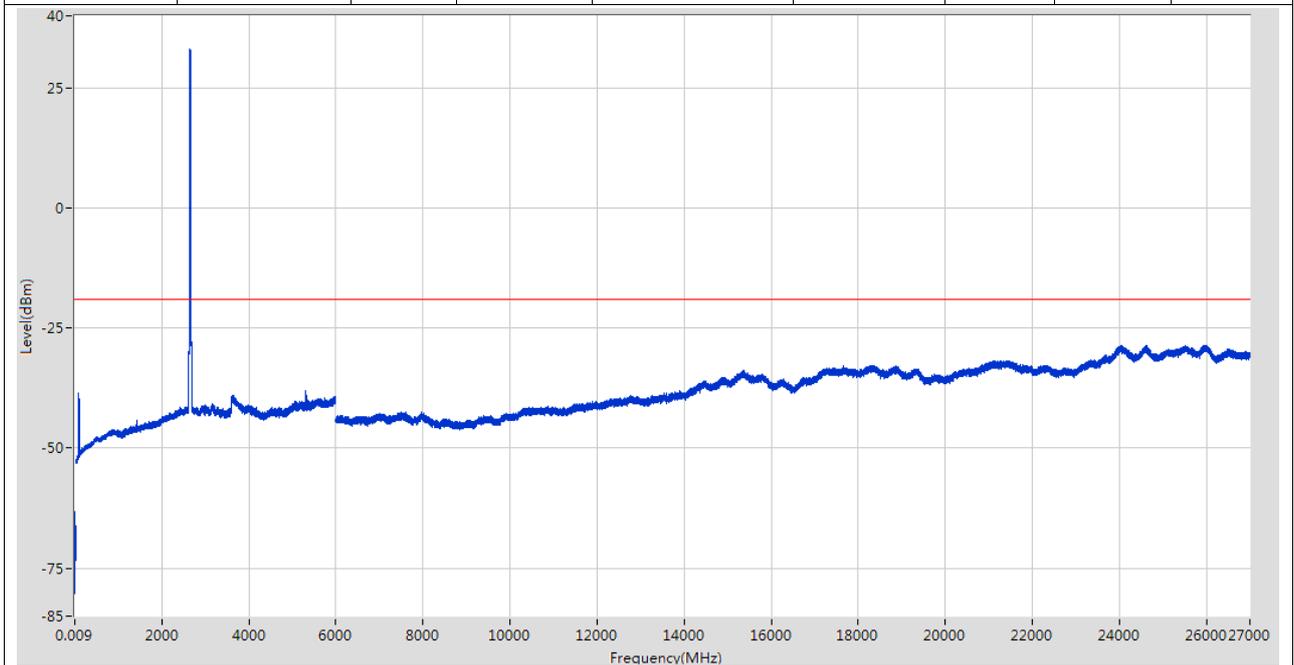
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
0.009	0.15	0.001	RMS	22.959 k	-63.44	-19	Pass	1001
0.15	30	0.01	RMS	2.174136 M	-62.97	-19	Pass	14925
30	1000	1	RMS	68.60796 M	-37.48	-19	Pass	4850
1000	3000	1	RMS	2637.163716 M	33.25	-19	---	10000
3000	6000	1	RMS	5262.75085 M	-37.79	-19	Pass	15000
6000	27000	1	RMS	25984.959395 M	-28.57	-19	Pass	105000





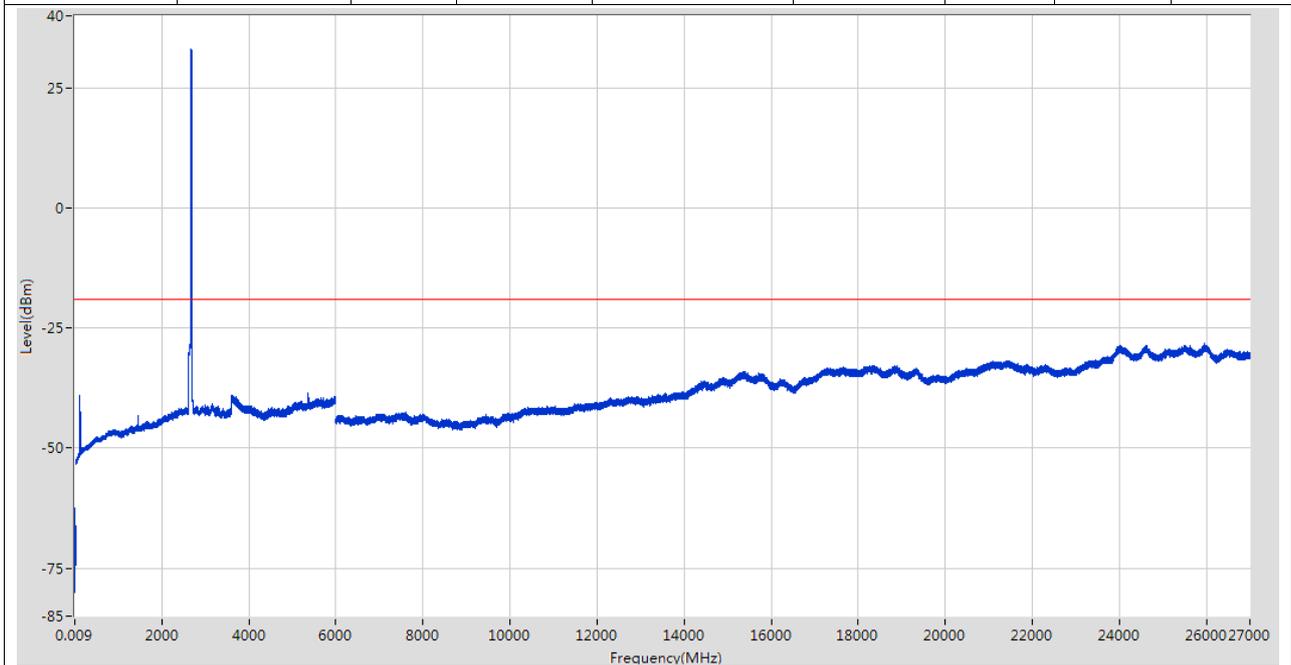
2.5 20M_M

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
0.009	0.15	0.001	RMS	99.24 k	-65.05	-19	Pass	1001
0.15	30	0.01	RMS	2.178136 M	-63.24	-19	Pass	14925
30	1000	1	RMS	93.813157 M	-38.54	-19	Pass	4850
1000	3000	1	RMS	2646.964696 M	32.98	-19	---	10000
3000	6000	1	RMS	5311.554104 M	-38.1	-19	Pass	15000
6000	27000	1	RMS	25961.958475 M	-28.59	-19	Pass	105000



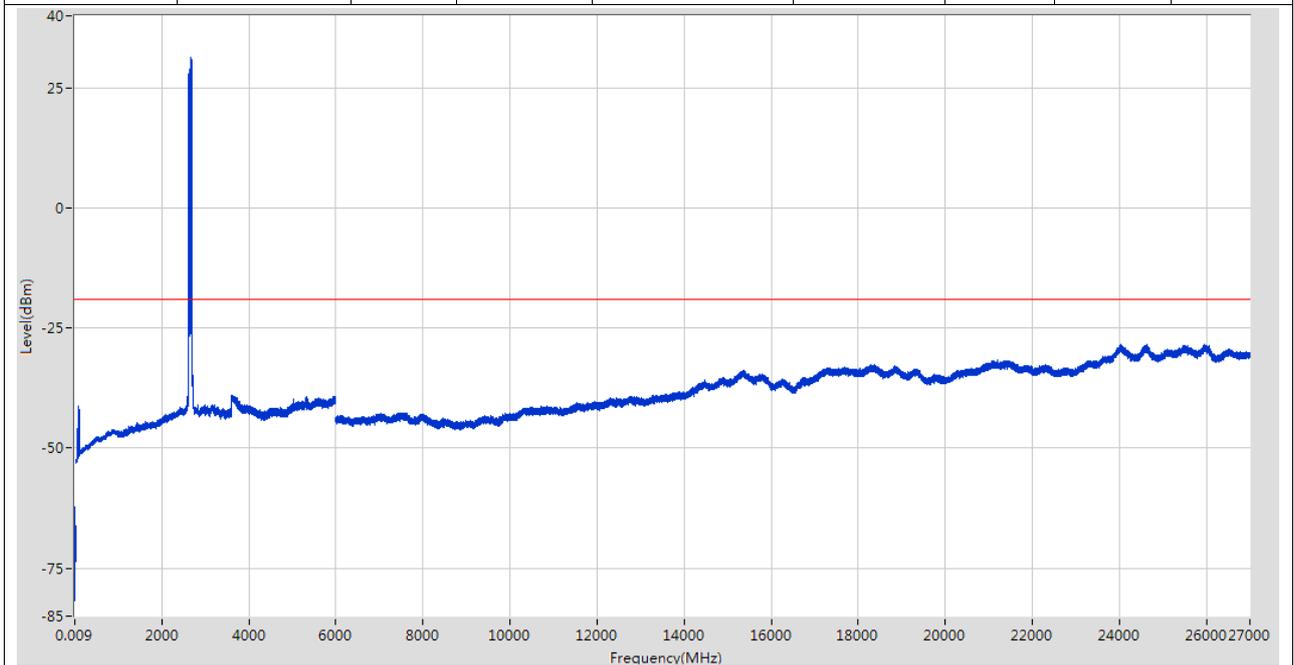
2.6 20M_T

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
0.009	0.15	0.001	RMS	23.1 k	-62.41	-19	Pass	1001
0.15	30	0.01	RMS	2.172135 M	-63.42	-19	Pass	14925
30	1000	1	RMS	118.018148 M	-39.06	-19	Pass	4850
1000	3000	1	RMS	2671.967197 M	33.01	-19	---	10000
3000	6000	1	RMS	5361.15741 M	-38.46	-19	Pass	15000
6000	27000	1	RMS	25955.958235 M	-28.17	-19	Pass	105000



2.7 2L_20+20_B

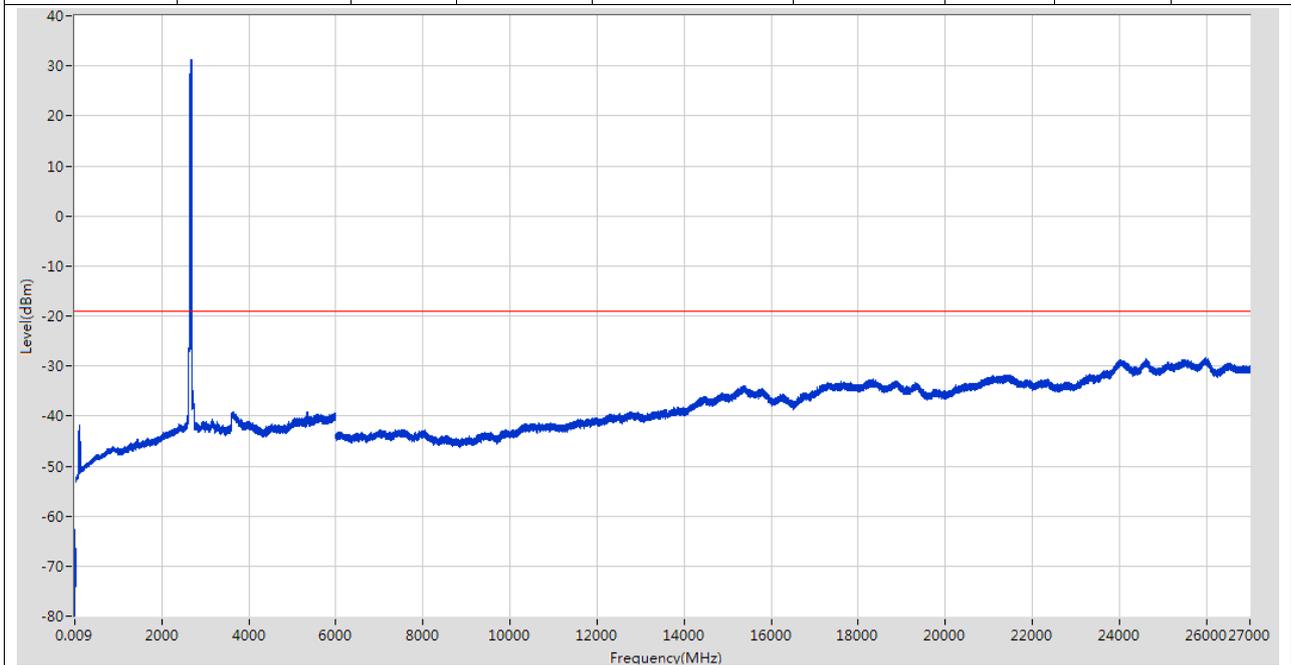
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
0.009	0.15	0.001	RMS	23.1 k	-64.85	-19	Pass	1001
0.15	30	0.01	RMS	2.174136 M	-62.22	-19	Pass	14925
30	1000	1	RMS	88.612085 M	-41.25	-19	Pass	4850
1000	3000	1	RMS	2663.366337 M	31.29	-19	---	10000
3000	6000	1	RMS	3606.040403 M	-38.95	-19	Pass	15000
6000	27000	1	RMS	25960.758427 M	-28.4	-19	Pass	105000





2.8 2L_20+20_T

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
0.009	0.15	0.001	RMS	23.1 k	-64.21	-19	Pass	1001
0.15	30	0.01	RMS	2.174136 M	-62.68	-19	Pass	14925
30	1000	1	RMS	98.414106 M	-41.89	-19	Pass	4850
1000	3000	1	RMS	2681.568157 M	31.29	-19	---	10000
3000	6000	1	RMS	5316.954464 M	-39.12	-19	Pass	15000
6000	27000	1	RMS	25988.759547 M	-28.38	-19	Pass	105000



2.9 3L_5+5+5_B

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
0.009	0.15	0.001	RMS	15.209 k	-61.9	-19	Pass	705
0.15	30	0.01	RMS	154 k	-57.25	-19	Pass	14925
30	1000	1	RMS	134.42153 M	-34.83	-19	Pass	4850
1000	3000	1	RMS	2651.207084 M	34.04	-19	---	10000
3000	6000	1	RMS	3028.603492 M	-38.75	-19	Pass	15000
6000	27000	1	RMS	26001.050814 M	-29.69	-19	Pass	105000





2.10 3L_5+5+5_T

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
0.009	0.15	0.001	RMS	12.605 k	-60.93	-19	Pass	705
0.15	30	0.01	RMS	162.001 k	-58.36	-19	Pass	14925
30	1000	1	RMS	137.422149 M	-35.35	-19	Pass	4850
1000	3000	1	RMS	2661.212618 M	33.94	-19	---	10000
3000	6000	1	RMS	3017.602149 M	-38.54	-19	Pass	15000
6000	27000	1	RMS	25952.843615 M	-29.86	-19	Pass	105000





Appendix E1: Radiated (Spurious) Emissions



1 Result Table

EUT Conf.	Measured Curve Conformed to the Emission Limit?	Verdict
20M_M (Worst case)	Yes	Pass

Note: The setting of analyzer is below

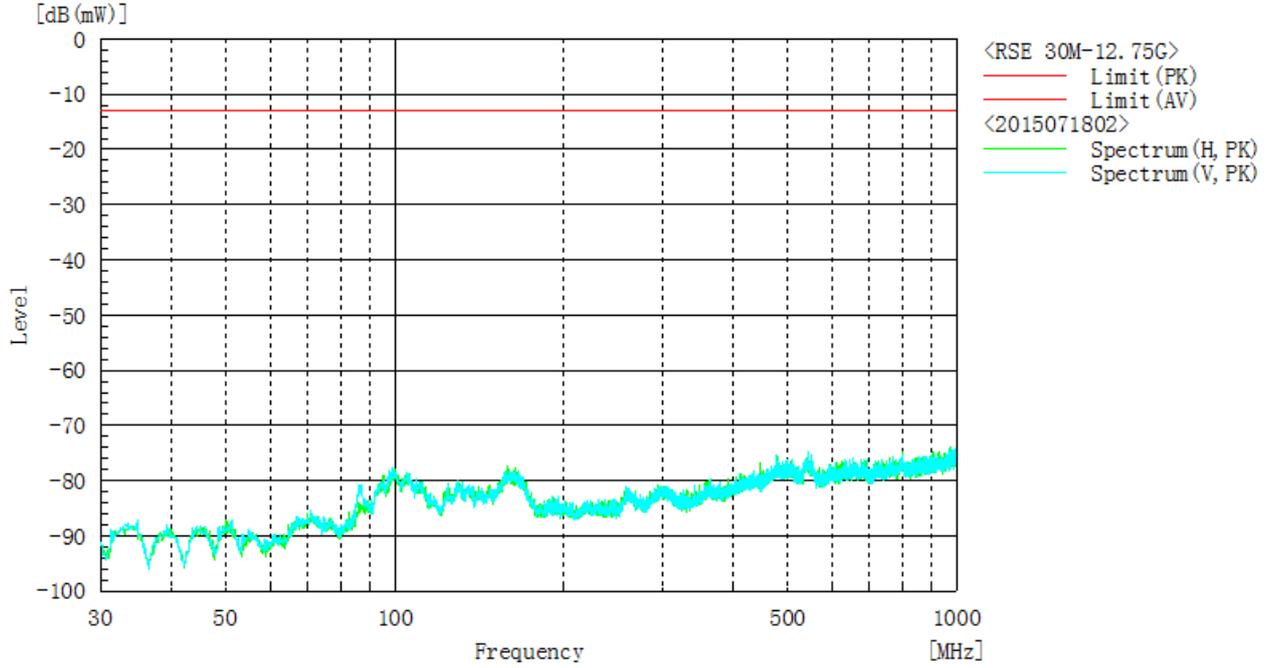
Frequency range	RBW	Detector
30MHz to 1GHz	1MHz	Average
1GHz to 18GHz	1MHz	Average
18GHz to 26.5GHz	1MHz	Average



2 Test Plot

2.1 30MHz-1GHz

Model : Standard :
Serial : Remark1 :
Operator : Remark2 :
AC Power : Remark3 :
Temp, Humidity : Remark4 :



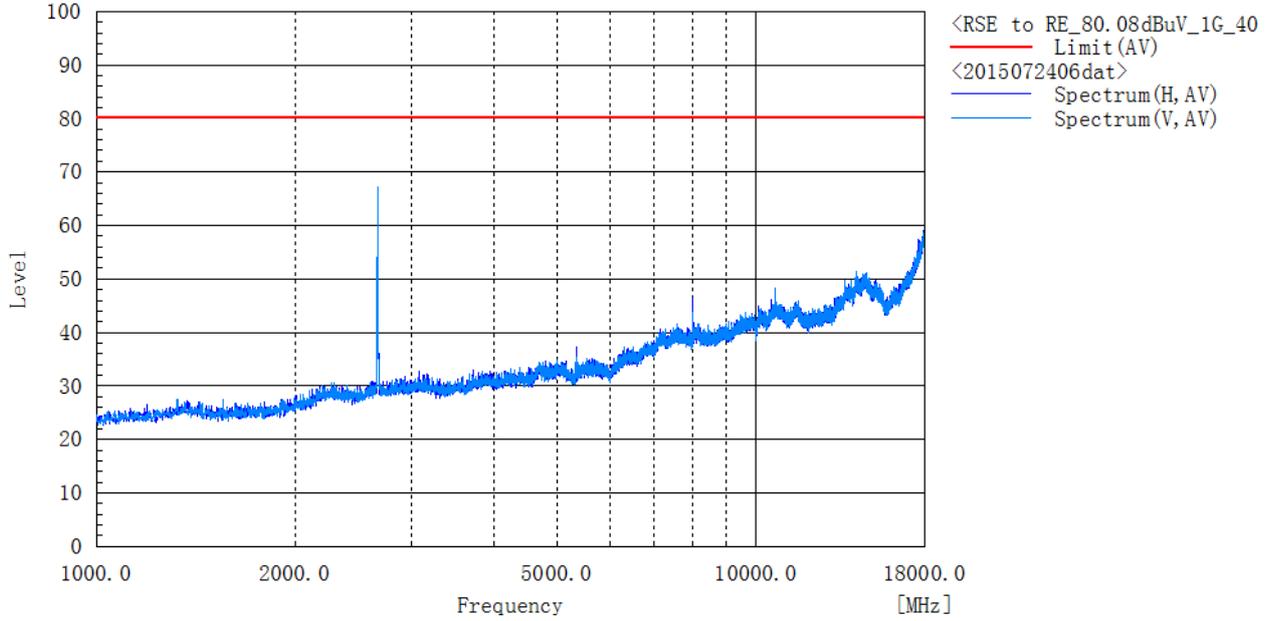


2.2 1GHz-18GHz

Note: the signal exceeding the limit line is the wanted signal.

Model	:	Standard	:	RSE to RE_80.08dBuV_1G_40G.rli
Serial	:	Remark1	:	
Operator	:	Remark2	:	
AC Power	:	Remark3	:	
Temp, Humidity	:	Remark4	:	

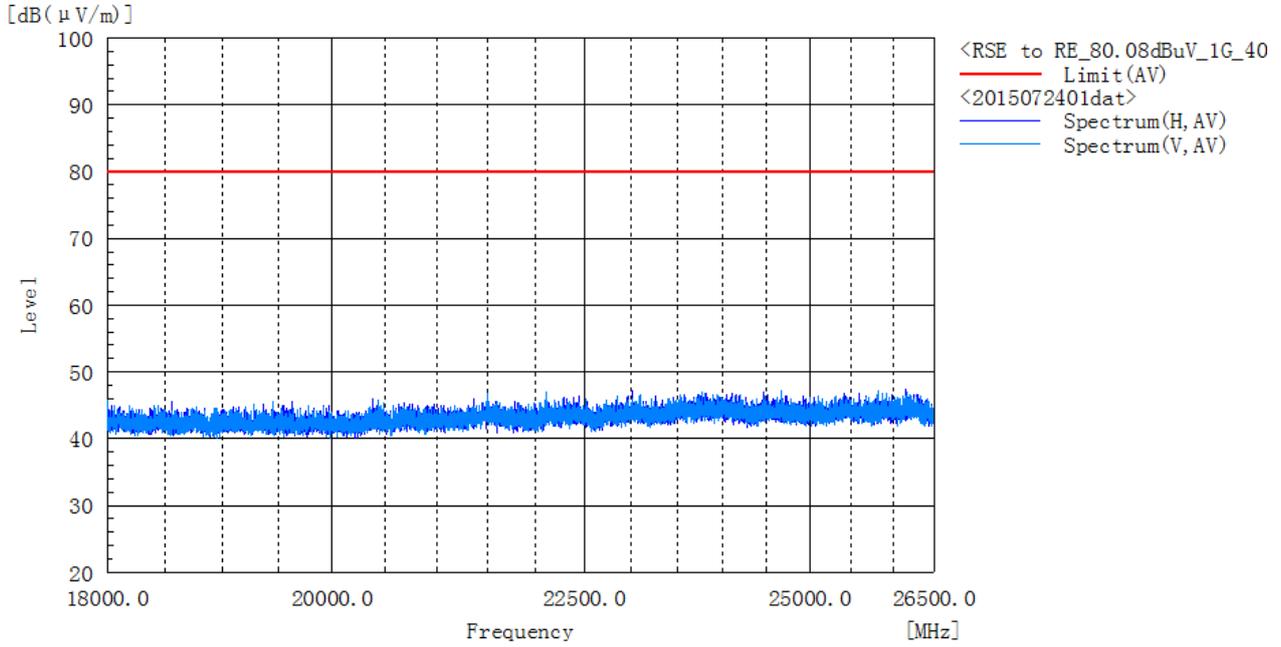
[dB(μV/m)]





2.3 18GHz-26.5GHz

Model	:	Standard	:	RSE to RE_80.08dBuV_1G_40G.rli
Serial	:	Remark1	:	
Operator	:	Remark2	:	
AC Power	:	Remark3	:	
Temp, Humidity	:	Remark4	:	





Appendix F1: Frequency Stability



1 Result Table

1.1 Frequency Error

(1) Frequency Error vs. Temperature:

EUT Conf.	Voltage	Temperature	Freq. Error [Hz]	Freq. vs. rated [ppm]	Freq. vs. 20 °C [ppm]	Verdict
5M_M	100%	-30 °C	-1.14	-0.00043	0.00004	Pass
		-20 °C	-1.04	-0.00039	0.00008	Pass
		-10 °C	0.19	0.00007	0.00054	Pass
		0 °C	-2.89	-0.00109	-0.00062	Pass
		+10 °C	-0.11	-0.00004	0.00043	Pass
		+20 °C	-1.25	-0.00047	---	Pass
		+30 °C	0.46	0.00017	0.00064	Pass
		+40 °C	-1.42	-0.00053	-0.00006	Pass
		+50 °C	-1.18	-0.00044	0.00003	Pass

(2) Frequency Error vs. Voltage:

EUT Conf.	Temperature	Voltage	Freq. Error [Hz]	Freq. vs. rated [ppm]	Freq. vs. 20 °C [ppm]	Verdict
5M_M	+20 °C	85 %	0.69	0.00026	0.00073	Pass
		100 %	-1.25	-0.00047	---	Pass
		115 %	0.81	0.00031	0.00078	Pass

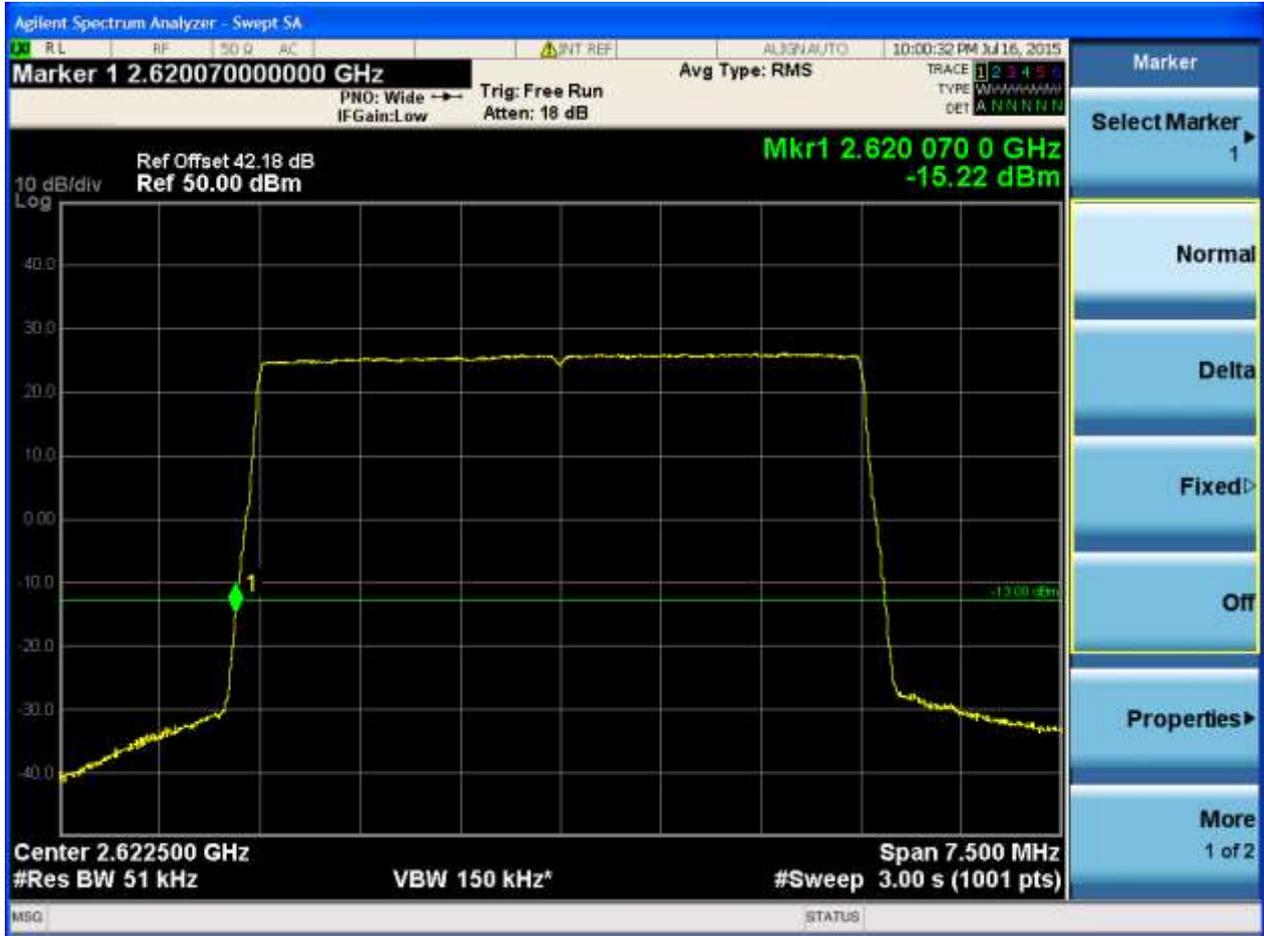
1.2 Frequency Range

EUT Conf.	fL – f(offset) [MHz]	fH + f(offset) [MHz]	Verdict
5M_B	2620.06999875	---	Pass
5M_T	---	2689.93750125	Pass

2 Test Plot

NOTE: Only the test plots for the measurements of Frequency Range are supplied.

2.1 5M_B



2.2 5M_T





Appendix G1: Receiver Spurious Emissions



1 Result Table

(Not applicable)

2 Test Plot

(Not applicable)

END