



Appendix B

E-UTRA Band CA_38C



CONTENT

Page

1	EFFECTIVE (ISOTROPIC) RADIATED POWER OUTPUT DATA	3
2	PEAK-TO-AVERAGE RATIO.....	5
2.1	FOR LTE.....	6
2.1.1	Test Band = LTE Band CA_38C	6
3	MODULATION CHARACTERISTICS	13
3.1	FOR LTE.....	13
3.1.1	Test Band = LTE Band CA_38C	13
4	BANDWIDTH.....	16
4.1	FOR LTE.....	17
4.1.1	Test Band = LTE Band CA_38C	17
5	BAND EDGES COMPLIANCE.....	30
5.1	FOR LTE.....	30
5.1.1	Test Band = LTE Band CA_38C	30
6	SPURIOUS EMISSION AT ANTENNA TERMINAL	47
6.1	FOR LTE.....	47
6.1.1	Test Band = LTE Band CA_38C	47
7	FIELD STRENGTH OF SPURIOUS RADIATION	52
7.1	FOR LTE.....	52
7.1.1	Test Band = LTE Band CA_38C_Main Antenna.....	52
7.1.2	Test Band = LTE Band CA_38C_Secdonary Antenna	55
8	FREQUENCY STABILITY.....	58
8.1	FREQUENCY ERROR VS. VOLTAGE	58
8.2	FREQUENCY ERROR VS. TEMPERATURE.....	58



1 Effective (Isotropic) Radiated Power Output Data

Effective Isotropic Radiated Power of Transmitter (EIRP) for LTE Band CA_38C

BAND	Test Mode PCC/SCC	Channel PCC/SCC	RB Configuration		Modulation PCC&SCC	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
			PCC	SCC					
CA_38C	75RB+75RB	37825-37975	1RB@0	0RB@0	QPSK	22.26	24.22	33.00	Pass
CA_38C	75RB+75RB	37825-37975	16RB@0	0RB@0	QPSK	22.03	23.99	33.00	Pass
CA_38C	75RB+75RB	37925-38075	1RB@0	0RB@0	QPSK	22.25	24.21	33.00	Pass
CA_38C	75RB+75RB	37925-38075	16RB@0	0RB@0	QPSK	22.17	24.13	33.00	Pass
CA_38C	75RB+75RB	38025-38175	1RB@0	0RB@0	QPSK	22.22	24.18	33.00	Pass
CA_38C	75RB+75RB	38025-38175	16RB@0	0RB@0	QPSK	22.04	24.00	33.00	Pass
CA_38C	75RB+75RB	37975-37825	1RB@0	0RB@0	QPSK	21.62	23.58	33.00	Pass
CA_38C	75RB+75RB	37975-37825	16RB@0	0RB@0	QPSK	21.72	23.68	33.00	Pass
CA_38C	75RB+75RB	38075-37925	1RB@0	0RB@0	QPSK	21.59	23.55	33.00	Pass
CA_38C	75RB+75RB	38075-37925	16RB@0	0RB@0	QPSK	21.66	23.62	33.00	Pass
CA_38C	75RB+75RB	38175-38025	1RB@0	0RB@0	QPSK	21.50	23.46	33.00	Pass
CA_38C	75RB+75RB	38175-38025	16RB@0	0RB@0	QPSK	21.63	23.59	33.00	Pass
CA_38C	100RB+100RB	37850-38048	1RB@0	0RB@0	QPSK	21.98	23.94	33.00	Pass
CA_38C	100RB+100RB	37850-38048	18RB@0	0RB@0	QPSK	21.94	23.90	33.00	Pass
CA_38C	100RB+100RB	37901-38099	1RB@0	0RB@0	QPSK	22.03	23.99	33.00	Pass
CA_38C	100RB+100RB	37901-38099	18RB@0	0RB@0	QPSK	21.93	23.89	33.00	Pass
CA_38C	100RB+100RB	37952-38150	1RB@0	0RB@0	QPSK	22.02	23.98	33.00	Pass
CA_38C	100RB+100RB	37952-38150	18RB@0	0RB@0	QPSK	21.84	23.80	33.00	Pass
CA_38C	100RB+100RB	38048-37850	1RB@0	0RB@0	QPSK	21.52	23.48	33.00	Pass
CA_38C	100RB+100RB	38048-37850	18RB@0	0RB@0	QPSK	21.69	23.65	33.00	Pass
CA_38C	100RB+100RB	38099-37901	1RB@0	0RB@0	QPSK	21.56	23.52	33.00	Pass
CA_38C	100RB+100RB	38099-37901	18RB@0	0RB@0	QPSK	21.66	23.62	33.00	Pass
CA_38C	100RB+100RB	38150-37952	1RB@0	0RB@0	QPSK	21.57	23.53	33.00	Pass
CA_38C	100RB+100RB	38150-37952	18RB@0	0RB@0	QPSK	21.64	23.60	33.00	Pass
CA_38C	75RB+75RB	37825-37975	1RB@0	0RB@0	16QAM	21.02	22.98	33.00	Pass
CA_38C	75RB+75RB	37825-37975	16RB@0	0RB@0	16QAM	20.83	22.79	33.00	Pass
CA_38C	75RB+75RB	37925-38075	1RB@0	0RB@0	16QAM	21.11	23.07	33.00	Pass
CA_38C	75RB+75RB	37925-38075	16RB@0	0RB@0	16QAM	21.14	23.10	33.00	Pass
CA_38C	75RB+75RB	38025-38175	1RB@0	0RB@0	16QAM	21.38	23.34	33.00	Pass
CA_38C	75RB+75RB	38025-38175	16RB@0	0RB@0	16QAM	20.90	22.86	33.00	Pass
CA_38C	75RB+75RB	37975-37825	1RB@0	0RB@0	16QAM	20.56	22.52	33.00	Pass
CA_38C	75RB+75RB	37975-37825	16RB@0	0RB@0	16QAM	20.70	22.66	33.00	Pass
CA_38C	75RB+75RB	38075-37925	1RB@0	0RB@0	16QAM	20.57	22.53	33.00	Pass
CA_38C	75RB+75RB	38075-37925	16RB@0	0RB@0	16QAM	20.81	22.77	33.00	Pass
CA_38C	75RB+75RB	38175-38025	1RB@0	0RB@0	16QAM	20.66	22.62	33.00	Pass
CA_38C	75RB+75RB	38175-38025	16RB@0	0RB@0	16QAM	20.44	22.40	33.00	Pass
CA_38C	100RB+100RB	37850-38048	1RB@0	0RB@0	16QAM	21.05	23.01	33.00	Pass
CA_38C	100RB+100RB	37850-38048	18RB@0	0RB@0	16QAM	20.86	22.82	33.00	Pass
CA_38C	100RB+100RB	37901-38099	1RB@0	0RB@0	16QAM	21.21	23.17	33.00	Pass
CA_38C	100RB+100RB	37901-38099	18RB@0	0RB@0	16QAM	20.92	22.88	33.00	Pass
CA_38C	100RB+100RB	37952-38150	1RB@0	0RB@0	16QAM	21.12	23.08	33.00	Pass

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CA_38C	100RB+100RB	37952-38150	18RB@0	0RB@0	16QAM	20.84	22.80	33.00	Pass
CA_38C	100RB+100RB	38048-37850	1RB@0	0RB@0	16QAM	20.60	22.56	33.00	Pass
CA_38C	100RB+100RB	38048-37850	18RB@0	0RB@0	16QAM	20.83	22.79	33.00	Pass
CA_38C	100RB+100RB	38099-37901	1RB@0	0RB@0	16QAM	20.51	22.47	33.00	Pass
CA_38C	100RB+100RB	38099-37901	18RB@0	0RB@0	16QAM	20.44	22.40	33.00	Pass
CA_38C	100RB+100RB	38150-37952	1RB@0	0RB@0	16QAM	20.53	22.49	33.00	Pass
CA_38C	100RB+100RB	38150-37952	18RB@0	0RB@0	16QAM	20.73	22.69	33.00	Pass
CA_38C	75RB+75RB	37825-37975	1RB@0	0RB@0	64QAM	19.87	21.83	33.00	Pass
CA_38C	75RB+75RB	37825-37975	16RB@0	0RB@0	64QAM	19.88	21.84	33.00	Pass
CA_38C	75RB+75RB	37925-38075	1RB@0	0RB@0	64QAM	20.28	22.24	33.00	Pass
CA_38C	75RB+75RB	37925-38075	16RB@0	0RB@0	64QAM	19.89	21.85	33.00	Pass
CA_38C	75RB+75RB	38025-38175	1RB@0	0RB@0	64QAM	20.49	22.45	33.00	Pass
CA_38C	75RB+75RB	38025-38175	16RB@0	0RB@0	64QAM	19.96	21.92	33.00	Pass
CA_38C	75RB+75RB	37975-37825	1RB@0	0RB@0	64QAM	19.47	21.43	33.00	Pass
CA_38C	75RB+75RB	37975-37825	16RB@0	0RB@0	64QAM	19.76	21.72	33.00	Pass
CA_38C	75RB+75RB	38075-37925	1RB@0	0RB@0	64QAM	19.44	21.40	33.00	Pass
CA_38C	75RB+75RB	38075-37925	16RB@0	0RB@0	64QAM	19.82	21.78	33.00	Pass
CA_38C	75RB+75RB	38175-38025	1RB@0	0RB@0	64QAM	19.65	21.61	33.00	Pass
CA_38C	75RB+75RB	38175-38025	16RB@0	0RB@0	64QAM	19.30	21.26	33.00	Pass
CA_38C	100RB+100RB	37850-38048	1RB@0	0RB@0	64QAM	19.99	21.95	33.00	Pass
CA_38C	100RB+100RB	37850-38048	18RB@0	0RB@0	64QAM	19.77	21.73	33.00	Pass
CA_38C	100RB+100RB	37901-38099	1RB@0	0RB@0	64QAM	20.29	22.25	33.00	Pass
CA_38C	100RB+100RB	37901-38099	18RB@0	0RB@0	64QAM	20.01	21.97	33.00	Pass
CA_38C	100RB+100RB	37952-38150	1RB@0	0RB@0	64QAM	19.87	21.83	33.00	Pass
CA_38C	100RB+100RB	37952-38150	18RB@0	0RB@0	64QAM	19.62	21.58	33.00	Pass
CA_38C	100RB+100RB	38048-37850	1RB@0	0RB@0	64QAM	19.46	21.42	33.00	Pass
CA_38C	100RB+100RB	38048-37850	18RB@0	0RB@0	64QAM	19.66	21.62	33.00	Pass
CA_38C	100RB+100RB	38099-37901	1RB@0	0RB@0	64QAM	19.40	21.36	33.00	Pass
CA_38C	100RB+100RB	38099-37901	18RB@0	0RB@0	64QAM	19.46	21.42	33.00	Pass
CA_38C	100RB+100RB	38150-37952	1RB@0	0RB@0	64QAM	19.49	21.45	33.00	Pass
CA_38C	100RB+100RB	38150-37952	18RB@0	0RB@0	64QAM	19.61	21.57	33.00	Pass

Note:

a: For getting the EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,

$$\text{EIRP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBi]}$$

b: SGP=Signal Generator Level



2 Peak-to-Average Ratio

Part I - Test Results

Test Band	Modulation	Test Mode	Test Channel	PCC RB Config	SCC RB Config	Measured [dB]	Limit [dB]	Verdict
CA_38C	QPSK	100RB+100RB	37850+38048	100RB@0	100RB@0	6.61	13	PASS
CA_38C	QPSK	100RB+100RB	37901+38099	100RB@0	100RB@0	6.75	13	PASS
CA_38C	QPSK	100RB+100RB	37952+38150	100RB@0	100RB@0	7.16	13	PASS
CA_38C	QPSK	100RB+100RB	38048+37850	100RB@0	100RB@0	6.75	13	PASS
CA_38C	QPSK	100RB+100RB	38099+37901	100RB@0	100RB@0	7.07	13	PASS
CA_38C	QPSK	100RB+100RB	38150+37952	100RB@0	100RB@0	7.68	13	PASS
CA_38C	16QAM	100RB+100RB	37850+38048	100RB@0	100RB@0	7.10	13	PASS
CA_38C	16QAM	100RB+100RB	37901+38099	100RB@0	100RB@0	7.74	13	PASS
CA_38C	16QAM	100RB+100RB	37952+38150	100RB@0	100RB@0	7.10	13	PASS
CA_38C	16QAM	100RB+100RB	38048+37850	100RB@0	100RB@0	7.19	13	PASS
CA_38C	16QAM	100RB+100RB	38099+37901	100RB@0	100RB@0	7.22	13	PASS
CA_38C	16QAM	100RB+100RB	38150+37952	100RB@0	100RB@0	7.33	13	PASS
CA_38C	64QAM	100RB+100RB	37850+38048	100RB@0	100RB@0	7.13	13	PASS
CA_38C	64QAM	100RB+100RB	37901+38099	100RB@0	100RB@0	7.48	13	PASS
CA_38C	64QAM	100RB+100RB	37952+38150	100RB@0	100RB@0	7.16	13	PASS
CA_38C	64QAM	100RB+100RB	38048+37850	100RB@0	100RB@0	7.10	13	PASS
CA_38C	64QAM	100RB+100RB	38099+37901	100RB@0	100RB@0	7.19	13	PASS
CA_38C	64QAM	100RB+100RB	38150+37952	100RB@0	100RB@0	7.13	13	PASS

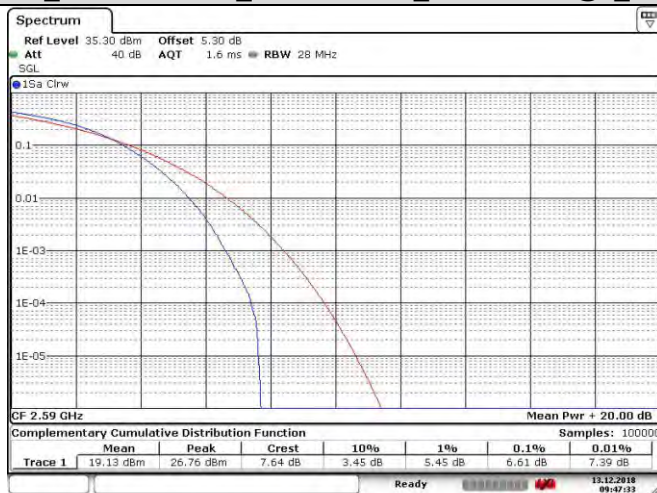


Part II - Test Plots

2.1 For LTE

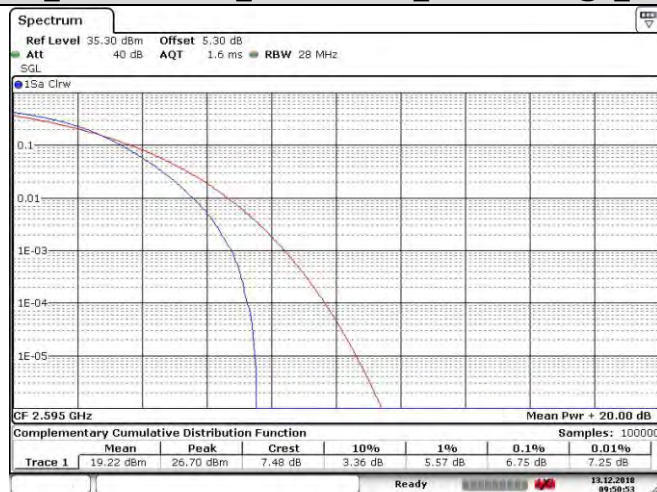
2.1.1 Test Band = LTE Band CA_38C

CA_38C_QPSK_100RB+100RB_37850+38048_PCC:100RB@0_SCC:100RB@0



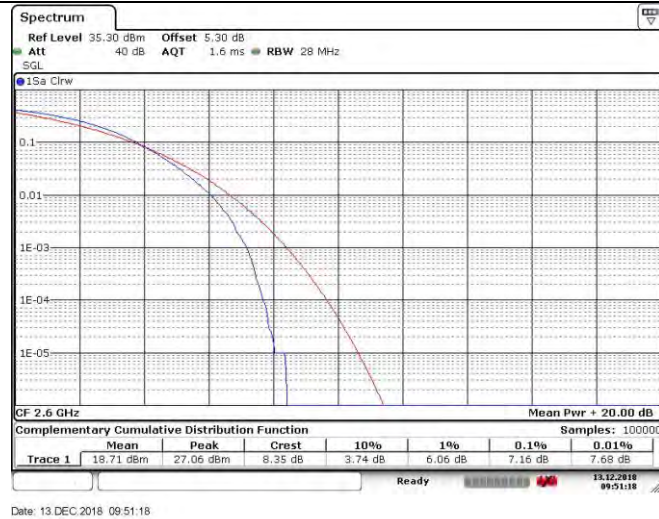
Date: 13 DEC 2018 09:47:33

CA_38C_QPSK_100RB+100RB_37901+38099_PCC:100RB@0_SCC:100RB@0

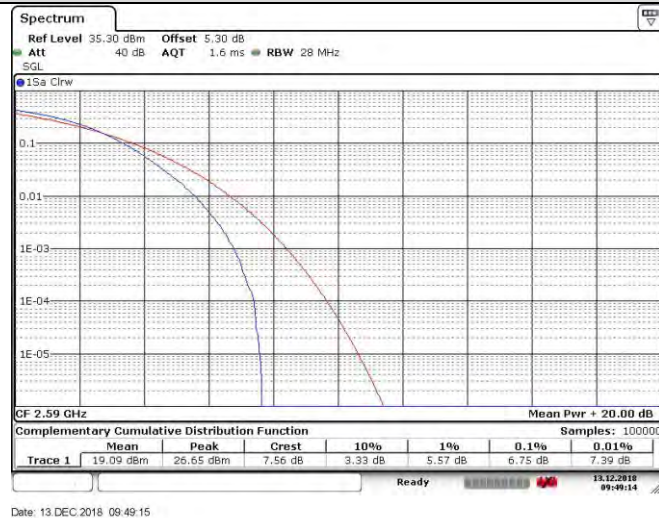


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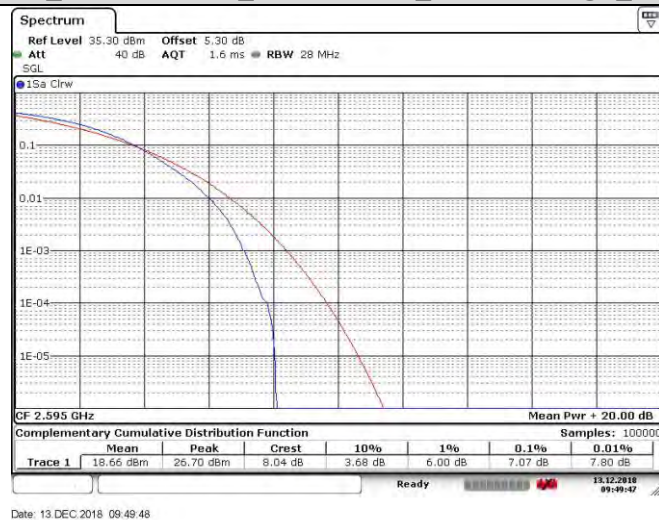
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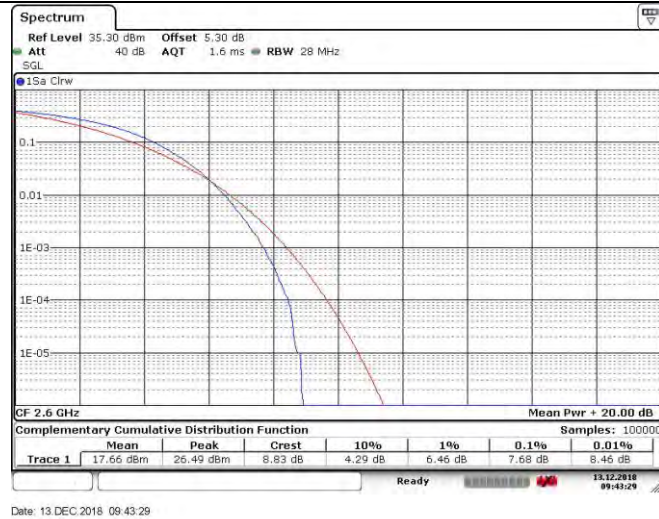
CA_38C_QPSK_100RB+100RB_38048+37850_PCC:100RB@0_SCC:100RB@0



CA_38C_QPSK_100RB+100RB_38099+37901_PCC:100RB@0_SCC:100RB@0



CA_38C_QPSK_100RB+100RB_38150+37952_PCC:100RB@0_SCC:100RB@0



Date: 13 DEC 2018 09:43:29

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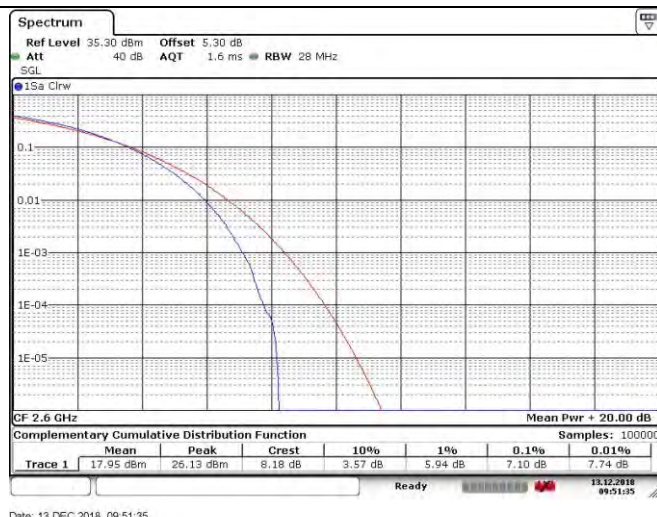
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Date: 13 DEC 2018 09:50:41

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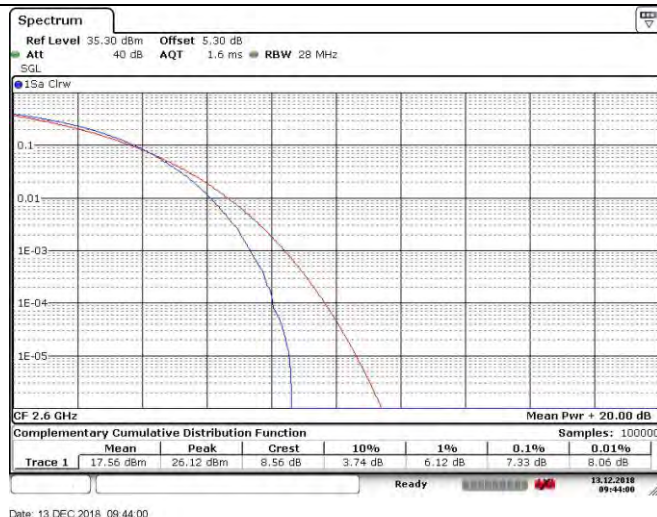
CA_38C_16QAM_100RB+100RB_38048+37850_PCC:100RB@0_SCC:100RB@0



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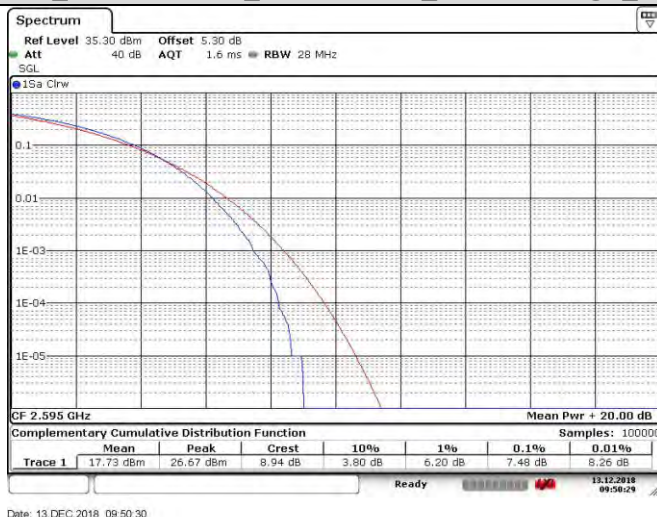
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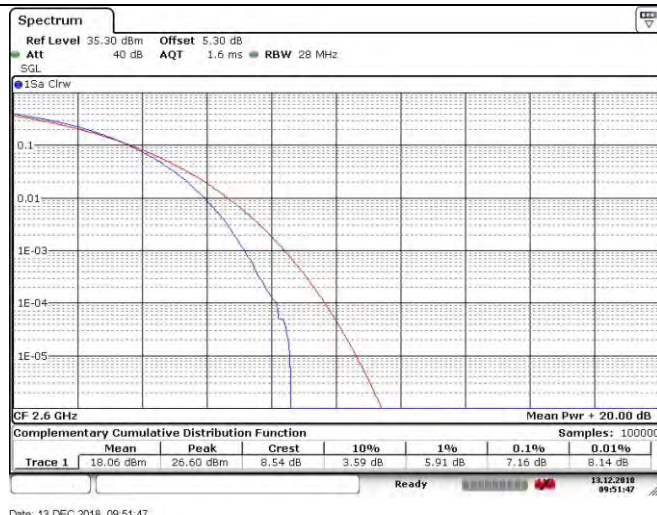
CA_38C_64QAM_100RB+100RB_37850+38048_PCC:100RB@0_SCC:100RB@0



CA_38C_64QAM_100RB+100RB_37901+38099_PCC:100RB@0_SCC:100RB@0



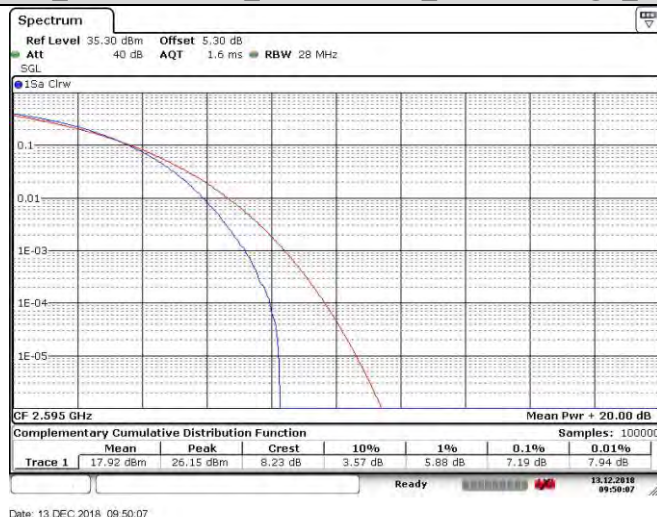
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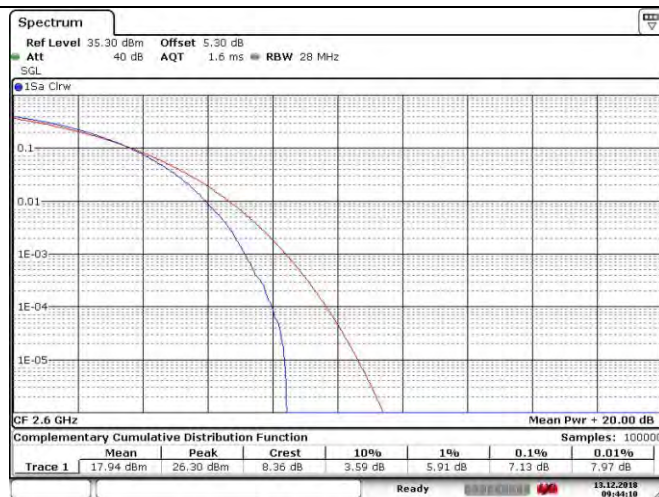
CA_38C_64QAM_100RB+100RB_38048+37850_PCC:100RB@0_SCC:100RB@0



CA_38C_64QAM_100RB+100RB_38099+37901_PCC:100RB@0_SCC:100RB@0



CA_38C_64QAM_100RB+100RB_38150+37952_PCC:100RB@0_SCC:100RB@0



Date: 13.DEC.2018 09:44:10



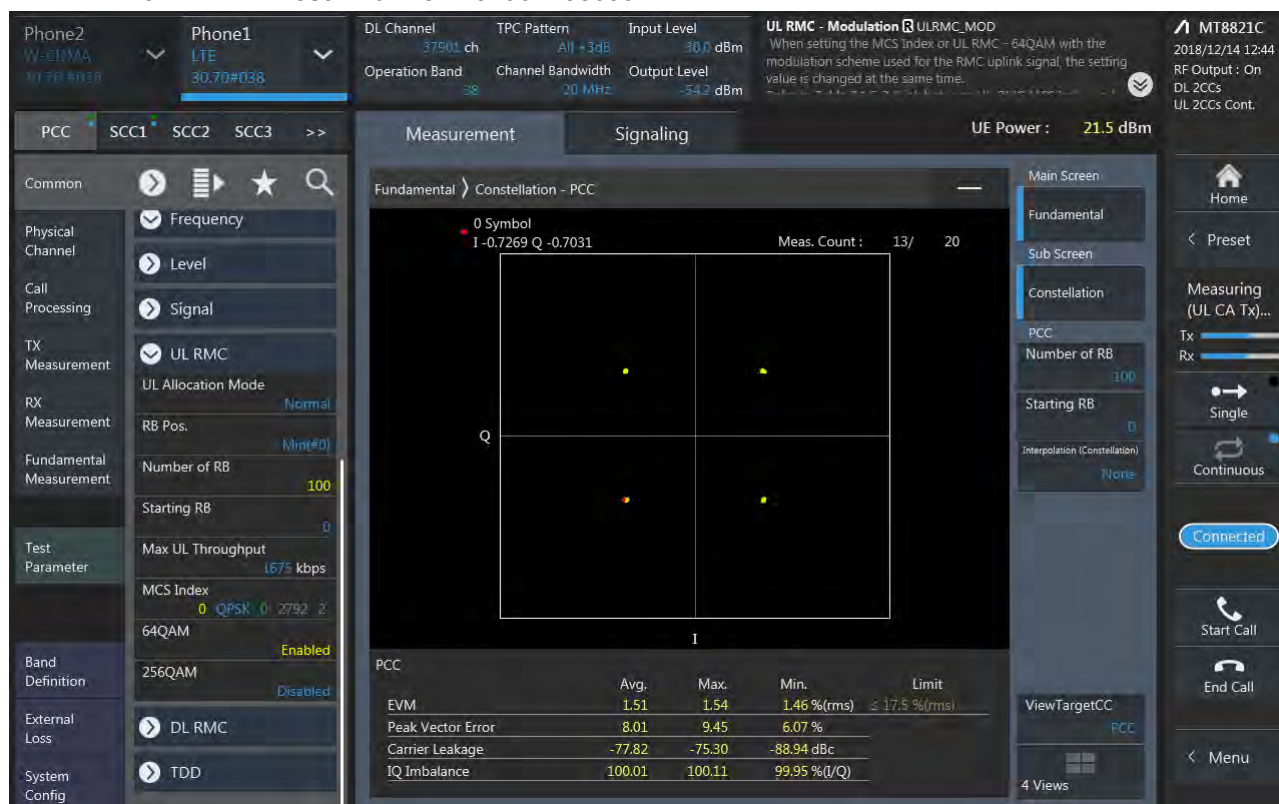
3 Modulation Characteristics

3.1 For LTE

3.1.1 Test Band = LTE Band CA_38C

3.1.1.1 Test Mode = LTE /QPSK 100RB+100RB

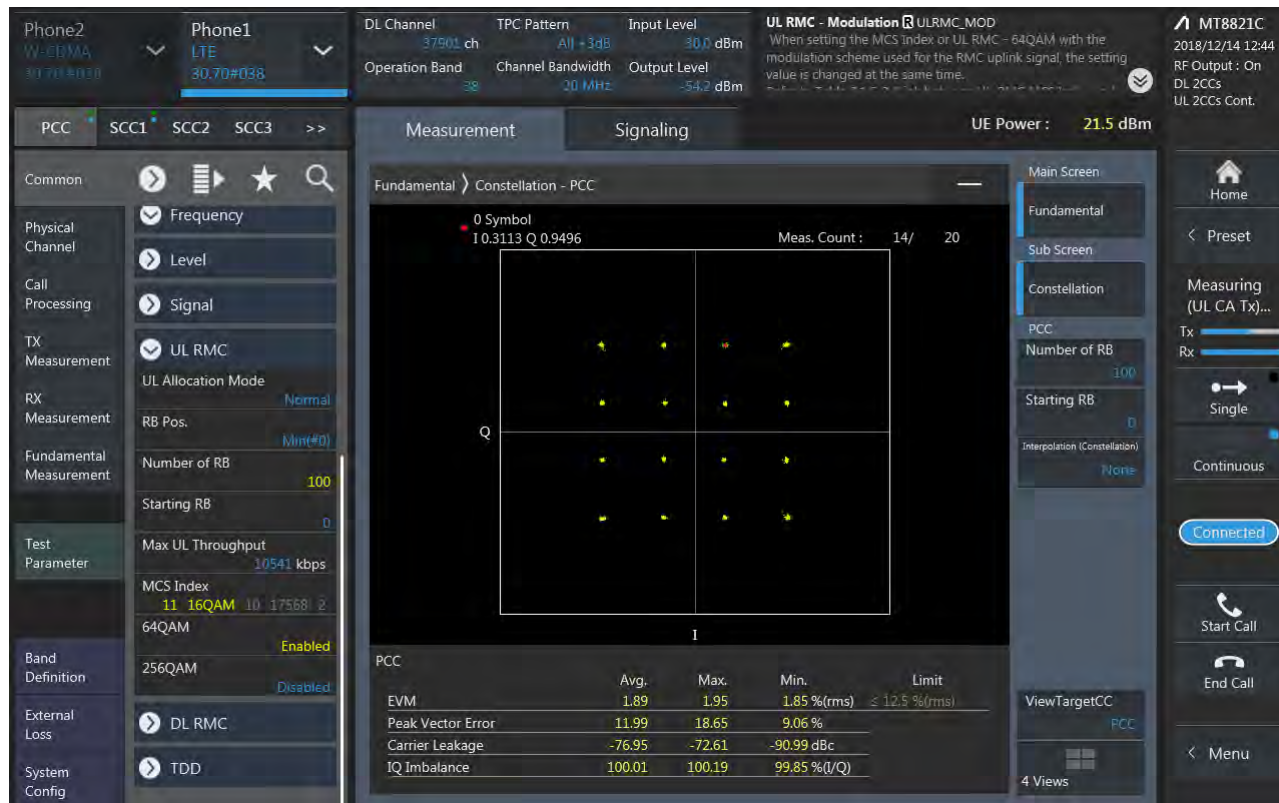
3.1.1.1.1 Test Channel = 37901+38099





3.1.1.2 Test Mode = LTE /16QAM 100RB+100RB

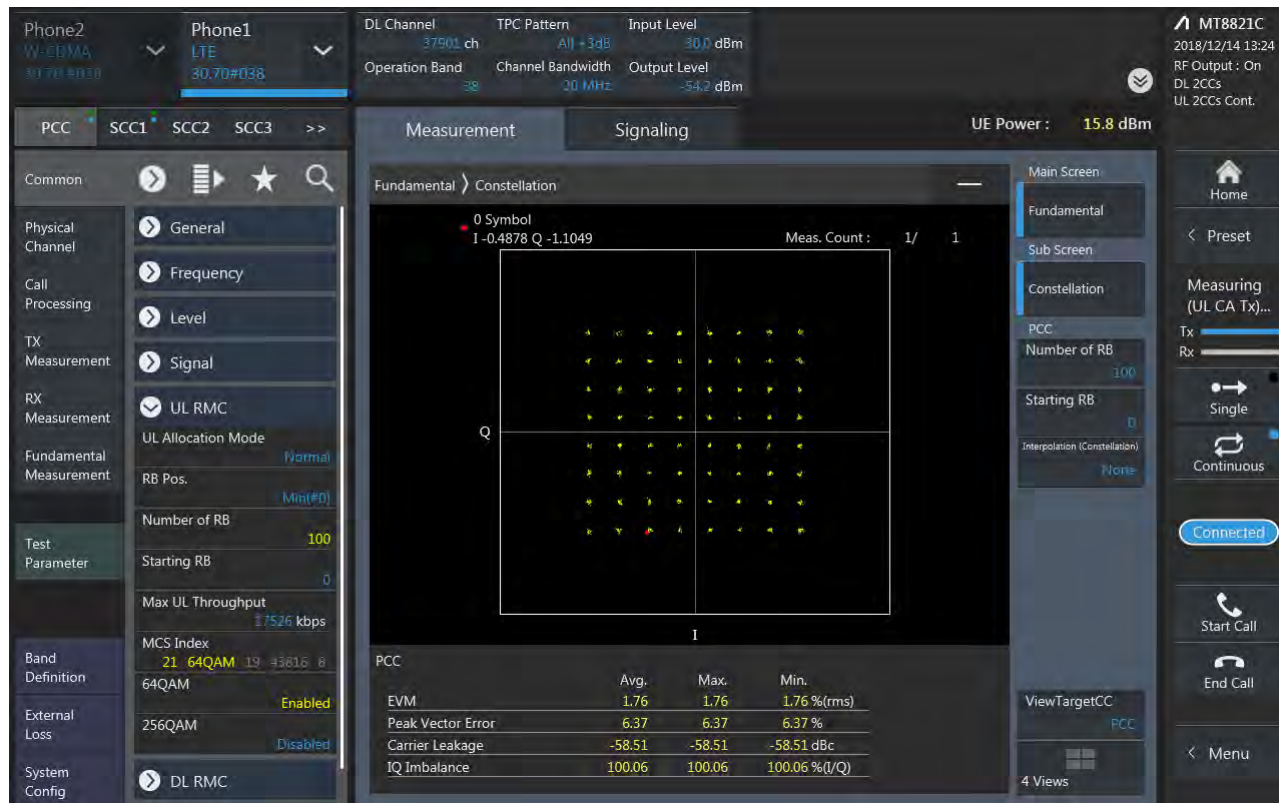
3.1.1.2.1 Test Channel =37901+38099





3.1.1.3 Test Mode = LTE /64QAM 100RB+100RB

3.1.1.3.1 Test Channel = 37901+38099





4 Bandwidth

Test Band	Modulation PCC&SCC	Test Mode PCC/SCC	Test Channel PCC/SCC	PCC RB	SCC RB	OBW [MHz]	EBW [MHz]	Verdict
CA_38C	QPSK	75RB+75RB	37825+37975	75RB@0	75RB@0	28.29	29.97	PASS
CA_38C	QPSK	75RB+75RB	37925+38075	75RB@0	75RB@0	28.29	30.09	PASS
CA_38C	QPSK	75RB+75RB	38025+38175	75RB@0	75RB@0	28.23	29.91	PASS
CA_38C	QPSK	75RB+75RB	37975+37825	75RB@0	75RB@0	28.29	29.91	PASS
CA_38C	QPSK	75RB+75RB	38075+37925	75RB@0	75RB@0	28.29	30.03	PASS
CA_38C	QPSK	75RB+75RB	38175+38025	75RB@0	75RB@0	28.35	29.91	PASS
CA_38C	16QAM	75RB+75RB	37825+37975	75RB@0	75RB@0	28.35	29.97	PASS
CA_38C	16QAM	75RB+75RB	37925+38075	75RB@0	75RB@0	28.35	29.91	PASS
CA_38C	16QAM	75RB+75RB	38025+38175	75RB@0	75RB@0	28.29	29.91	PASS
CA_38C	16QAM	75RB+75RB	37975+37825	75RB@0	75RB@0	28.23	29.97	PASS
CA_38C	16QAM	75RB+75RB	38075+37925	75RB@0	75RB@0	28.23	29.91	PASS
CA_38C	16QAM	75RB+75RB	38175+38025	75RB@0	75RB@0	28.23	30.15	PASS
CA_38C	64QAM	75RB+75RB	37825+37975	75RB@0	75RB@0	28.29	29.97	PASS
CA_38C	64QAM	75RB+75RB	37925+38075	75RB@0	75RB@0	28.29	29.97	PASS
CA_38C	64QAM	75RB+75RB	38025+38175	75RB@0	75RB@0	28.29	29.97	PASS
CA_38C	64QAM	75RB+75RB	37975+37825	75RB@0	75RB@0	28.23	29.97	PASS
CA_38C	64QAM	75RB+75RB	38075+37925	75RB@0	75RB@0	28.29	29.91	PASS
CA_38C	64QAM	75RB+75RB	38175+38025	75RB@0	75RB@0	28.29	30.09	PASS
CA_38C	QPSK	100RB+100RB	37850+38048	100RB@0	100RB@0	37.58	39.74	PASS
CA_38C	QPSK	100RB+100RB	37901+38099	100RB@0	100RB@0	37.46	40.04	PASS
CA_38C	QPSK	100RB+100RB	37952+38150	100RB@0	100RB@0	37.40	39.74	PASS
CA_38C	QPSK	100RB+100RB	38048+37850	100RB@0	100RB@0	37.58	39.68	PASS
CA_38C	QPSK	100RB+100RB	38099+37901	100RB@0	100RB@0	37.58	39.74	PASS
CA_38C	QPSK	100RB+100RB	38150+37952	100RB@0	100RB@0	37.58	39.74	PASS
CA_38C	16QAM	100RB+100RB	37850+38048	100RB@0	100RB@0	37.52	39.80	PASS
CA_38C	16QAM	100RB+100RB	37901+38099	100RB@0	100RB@0	37.52	39.68	PASS
CA_38C	16QAM	100RB+100RB	37952+38150	100RB@0	100RB@0	37.46	39.74	PASS
CA_38C	16QAM	100RB+100RB	38048+37850	100RB@0	100RB@0	37.52	39.74	PASS
CA_38C	16QAM	100RB+100RB	38099+37901	100RB@0	100RB@0	37.52	39.80	PASS
CA_38C	16QAM	100RB+100RB	38150+37952	100RB@0	100RB@0	37.46	39.98	PASS
CA_38C	64QAM	100RB+100RB	37850+38048	100RB@0	100RB@0	37.52	39.62	PASS
CA_38C	64QAM	100RB+100RB	37901+38099	100RB@0	100RB@0	37.46	39.44	PASS
CA_38C	64QAM	100RB+100RB	37952+38150	100RB@0	100RB@0	37.46	39.50	PASS
CA_38C	64QAM	100RB+100RB	38048+37850	100RB@0	100RB@0	37.52	39.68	PASS
CA_38C	64QAM	100RB+100RB	38099+37901	100RB@0	100RB@0	37.46	39.74	PASS

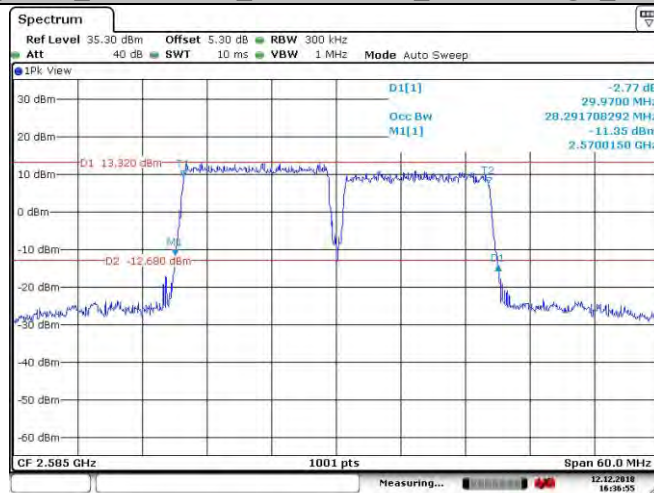


Test Band	Modulation PCC&SCC	Test Mode PCC/SCC	Test Channel PCC/SCC	PCC RB	SCC RB	OBW [MHz]	EBW [MHz]	Verdict
CA_38C	64QAM	100RB+100RB	38150+37952	100RB@0	100RB@0	37.40	39.80	PASS

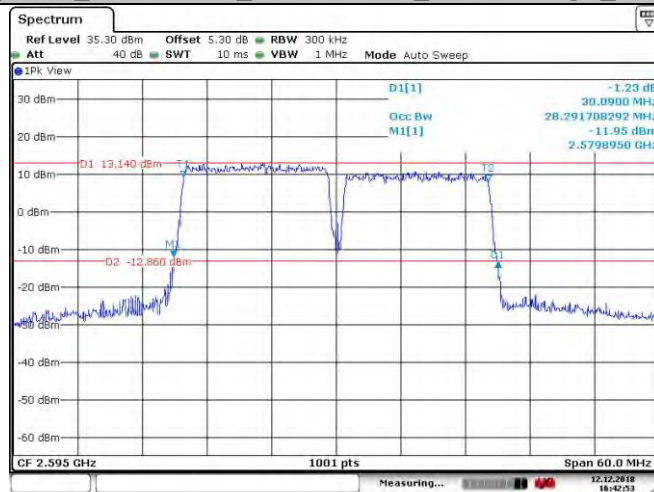
4.1 For LTE

4.1.1 Test Band = LTE Band CA_38C

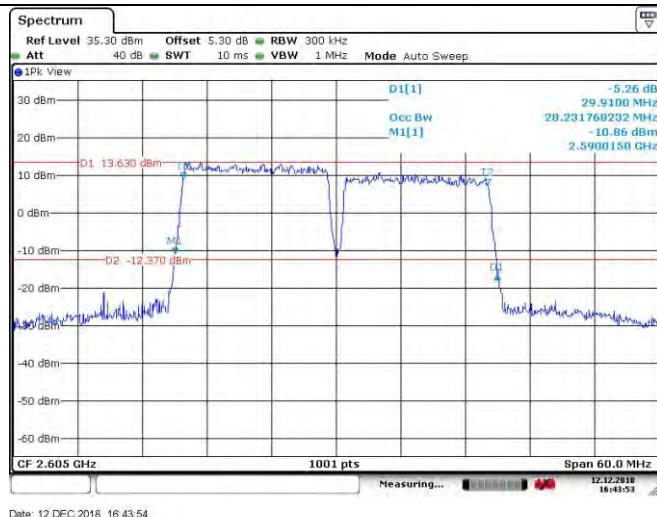
CA_38C_QPSK_75RB+75RB_37825+37975_PCC:75RB@0_SCC:75RB@0



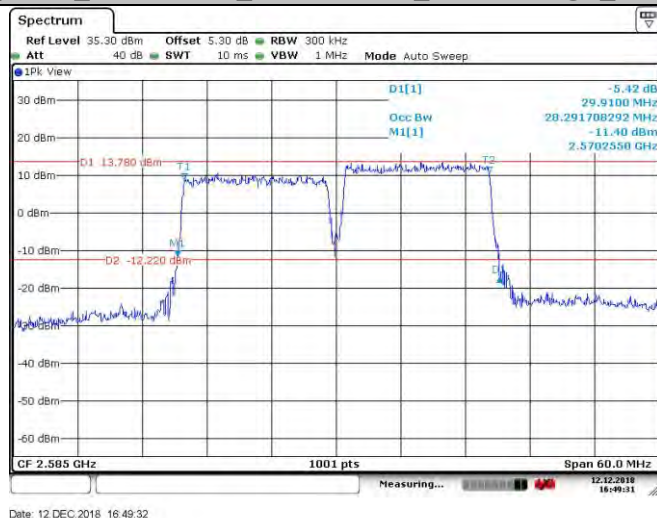
CA_38C_QPSK_75RB+75RB_37925+38075_PCC:75RB@0_SCC:75RB@0



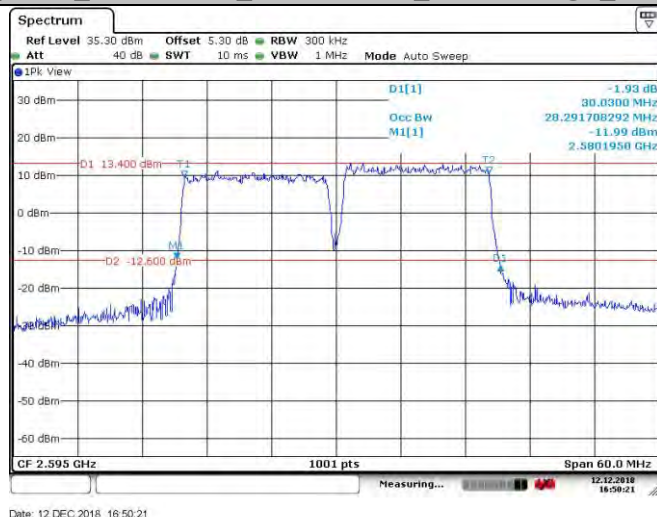
CA_38C_QPSK_75RB+75RB_38025+38175_PCC:75RB@0_SCC:75RB@0



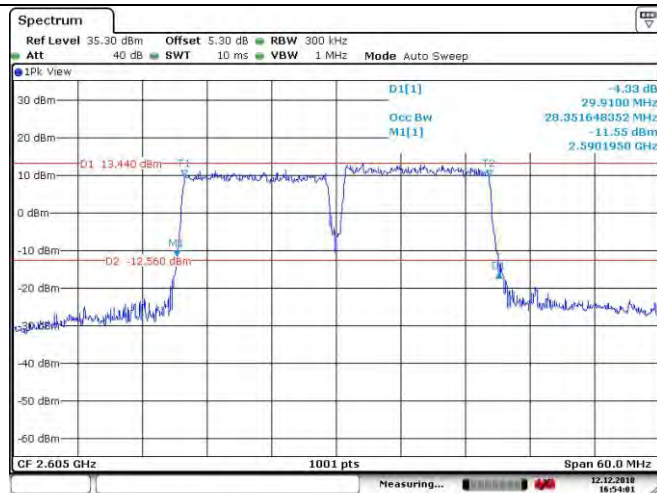
CA_38C_QPSK_75RB+75RB_37975+37825_PCC:75RB@0_SCC:75RB@0



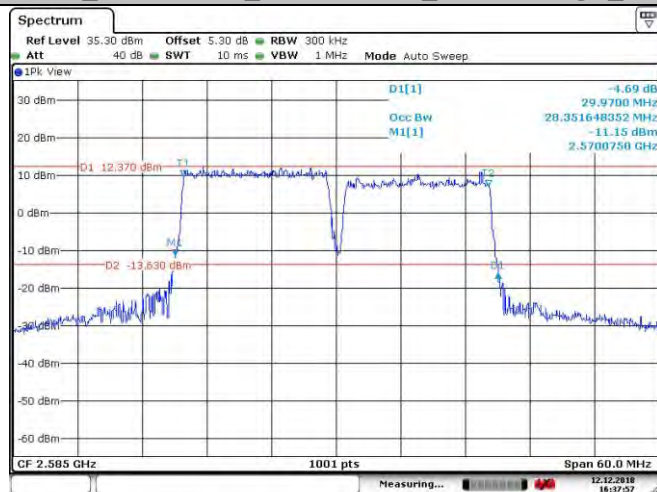
CA_38C_QPSK_75RB+75RB_38075+37925_PCC:75RB@0_SCC:75RB@0



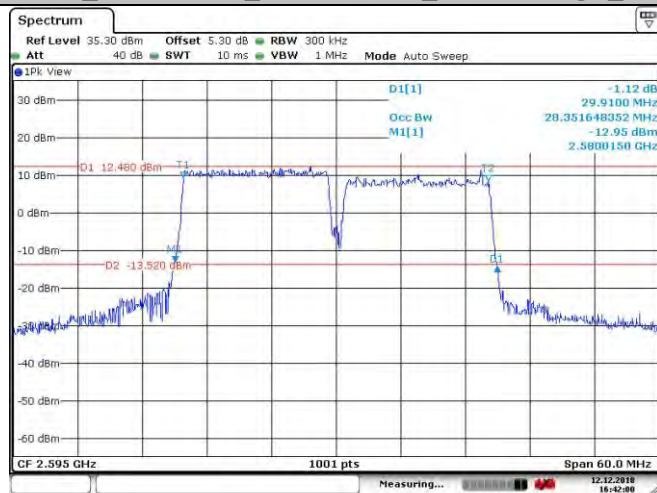
CA_38C_QPSK_75RB+75RB_38175+38025_PCC:75RB@0_SCC:75RB@0



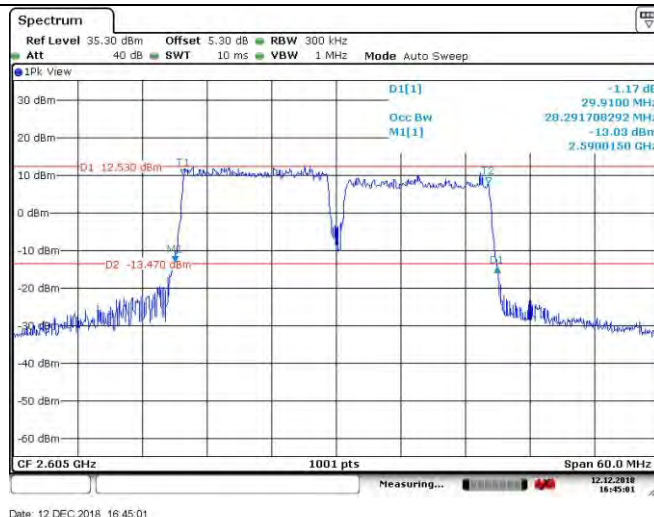
CA_38C_16QAM_75RB+75RB_37825+37975_PCC:75RB@0_SCC:75RB@0



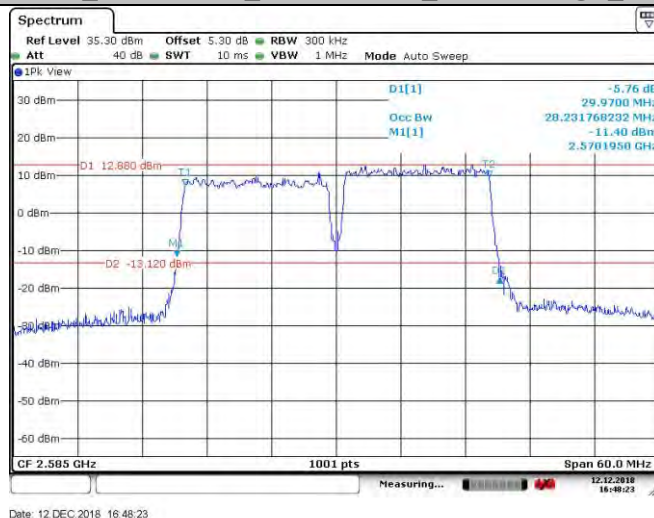
CA_38C_16QAM_75RB+75RB_37925+38075_PCC:75RB@0_SCC:75RB@0



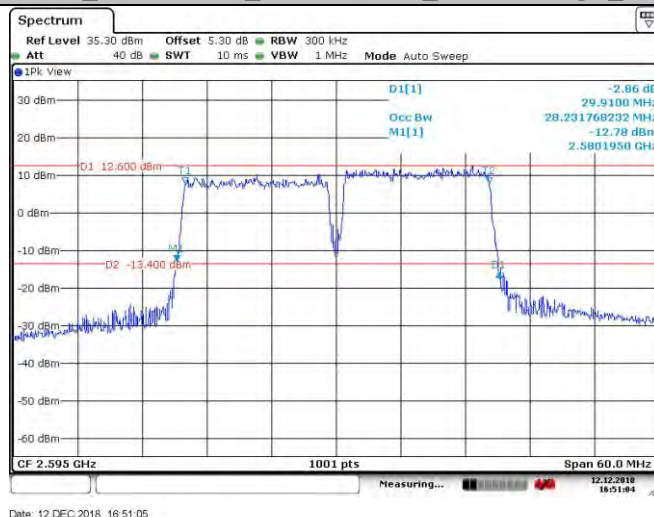
CA_38C_16QAM_75RB+75RB_38025+38175_PCC:75RB@0_SCC:75RB@0



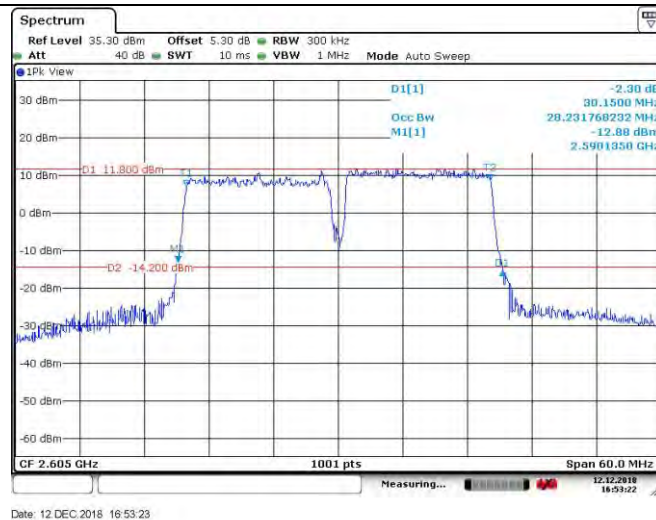
CA_38C_16QAM_75RB+75RB_37975+37825_PCC:75RB@0_SCC:75RB@0



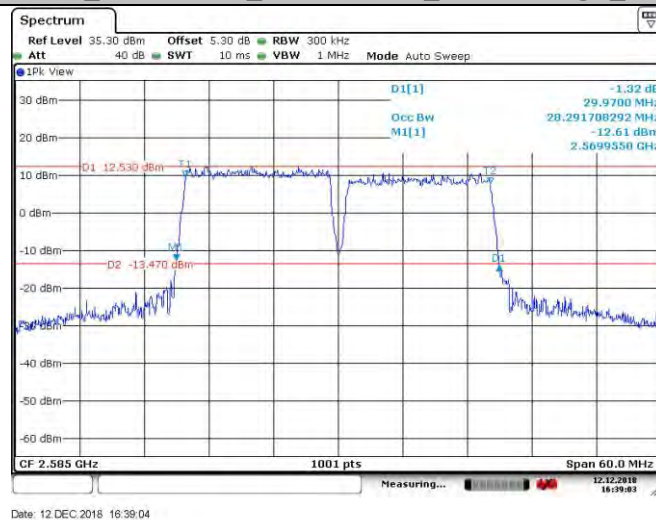
CA_38C_16QAM_75RB+75RB_38075+37925_PCC:75RB@0_SCC:75RB@0



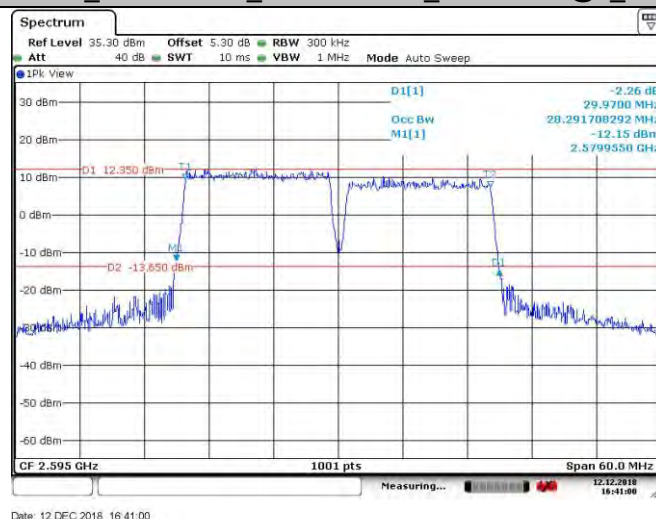
CA_38C_16QAM_75RB+75RB_38175+38025_PCC:75RB@0_SCC:75RB@0



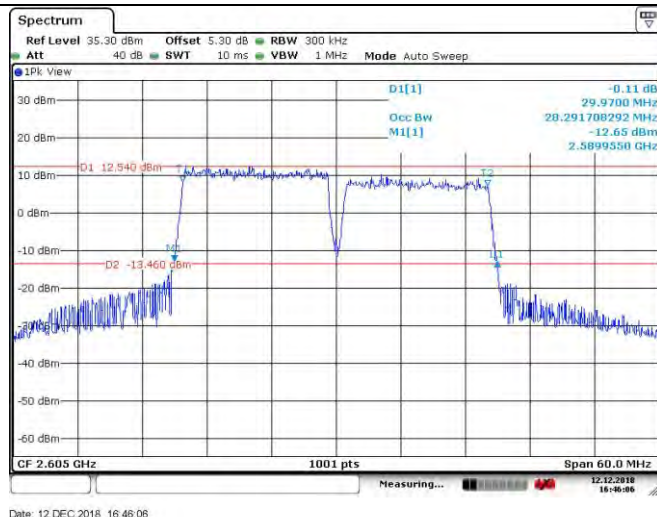
CA_38C_64QAM_75RB+75RB_37825+37975_PCC:75RB@0_SCC:75RB@0



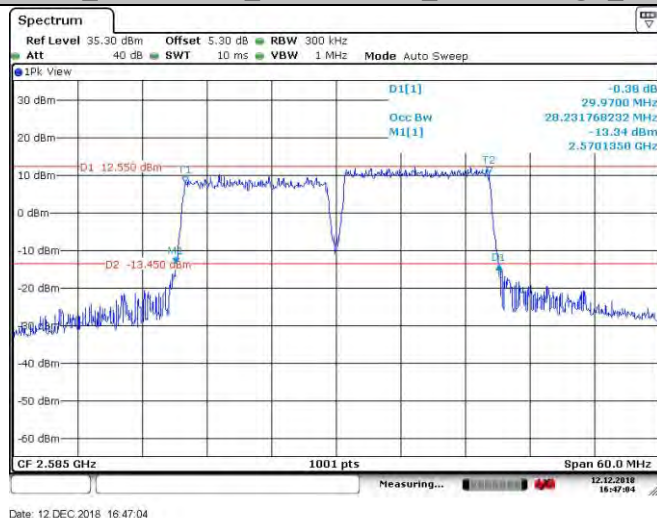
CA_38C_64QAM_75RB+75RB_37925+38075_PCC:75RB@0_SCC:75RB@0



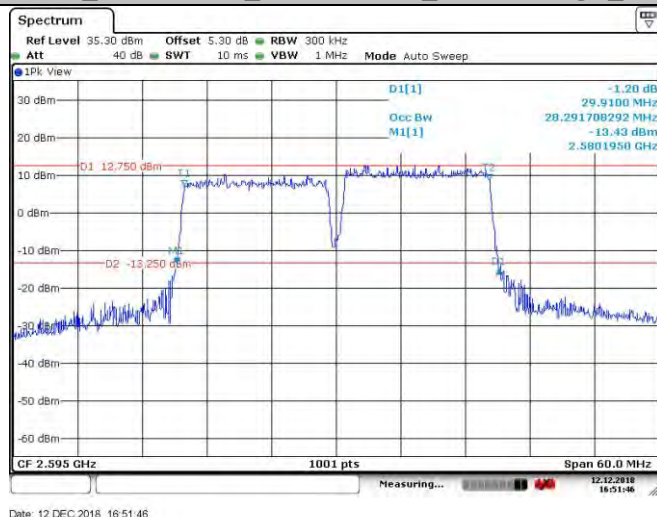
CA_38C_64QAM_75RB+75RB_38025+38175_PCC:75RB@0_SCC:75RB@0



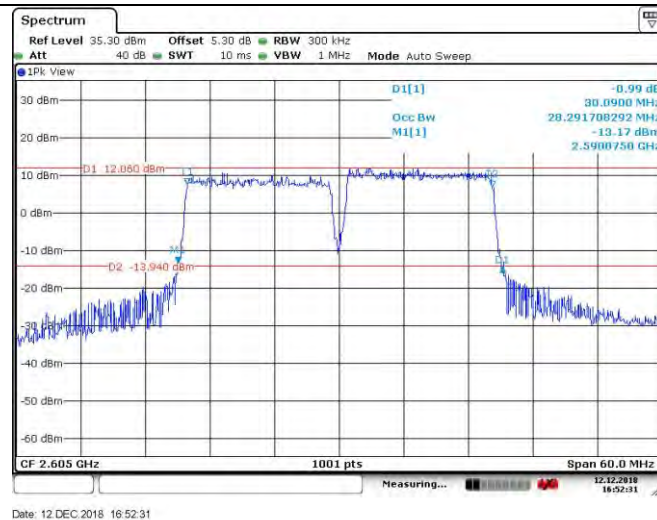
CA_38C_64QAM_75RB+75RB_37975+37825_PCC:75RB@0_SCC:75RB@0



CA_38C_64QAM_75RB+75RB_38075+37925_PCC:75RB@0_SCC:75RB@0

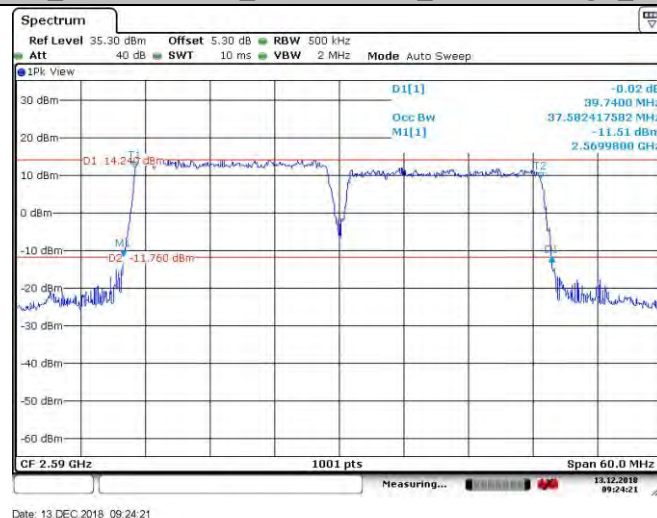


CA_38C_64QAM_75RB+75RB_38175+38025_PCC:75RB@0_SCC:75RB@0



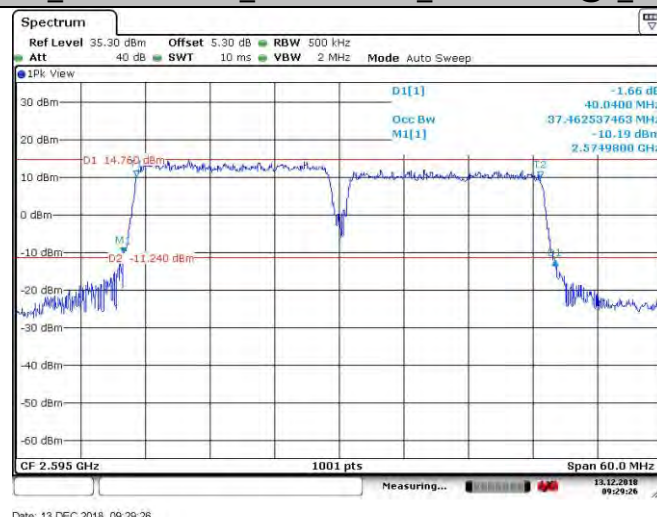
Date: 12 DEC 2018 16:52:31

CA_38C_QPSK_100RB+100RB_37850+38048_PCC:100RB@0_SCC:100RB@0



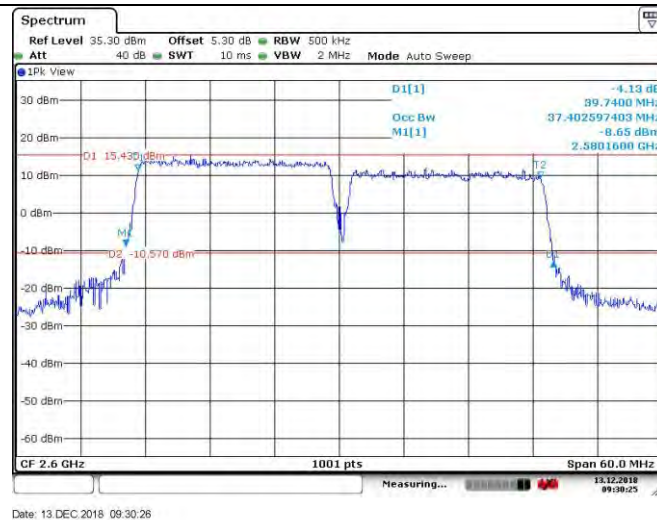
Date: 13 DEC 2018 09:24:21

CA_38C_QPSK_100RB+100RB_37901+38099_PCC:100RB@0_SCC:100RB@0

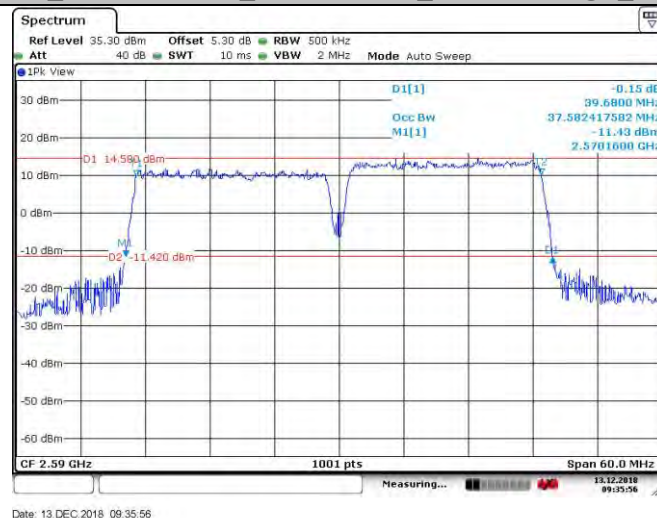


Date: 13 DEC 2018 09:29:26

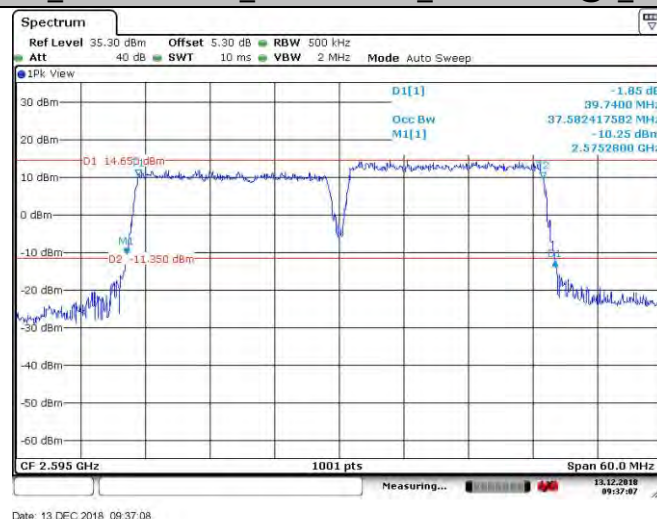
CA_38C_QPSK_100RB+100RB_37952+38150_PCC:100RB@0_SCC:100RB@0



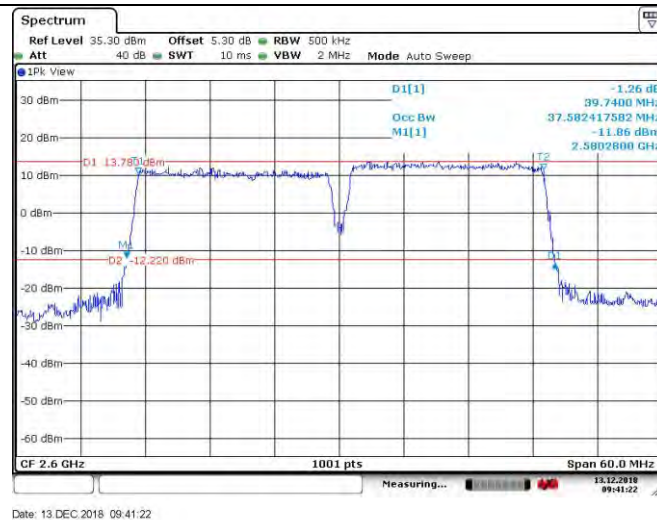
CA_38C_QPSK_100RB+100RB_38048+37850_PCC:100RB@0_SCC:100RB@0



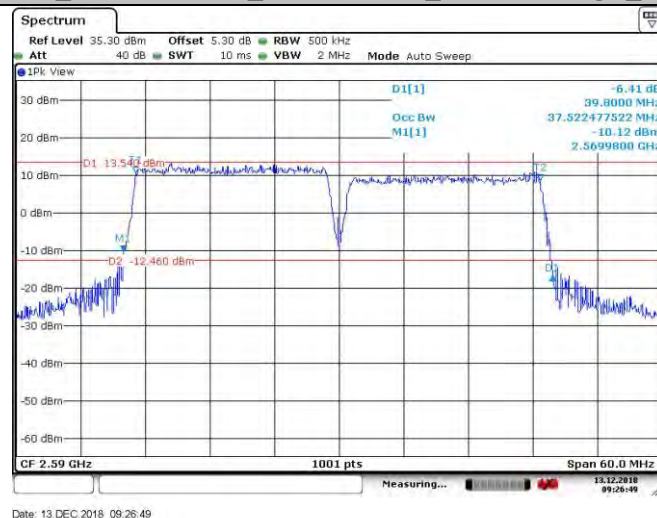
CA_38C_QPSK_100RB+100RB_38099+37901_PCC:100RB@0_SCC:100RB@0



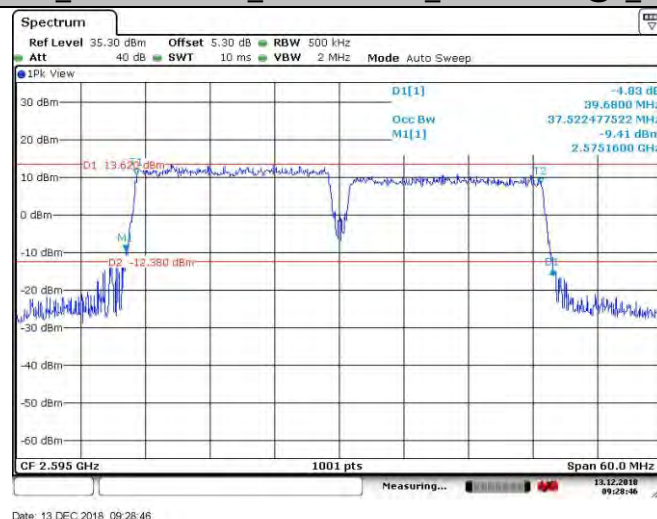
CA_38C_QPSK_100RB+100RB_38150+37952_PCC:100RB@0_SCC:100RB@0



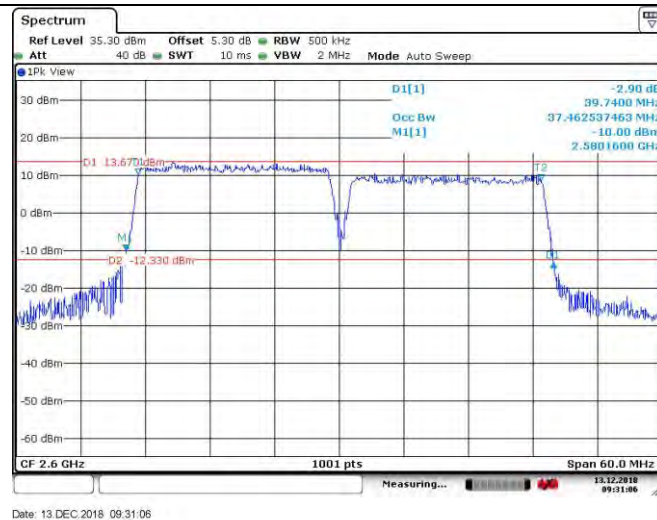
CA_38C_16QAM_100RB+100RB_37850+38048_PCC:100RB@0_SCC:100RB@0



CA_38C_16QAM_100RB+100RB_37901+38099_PCC:100RB@0_SCC:100RB@0

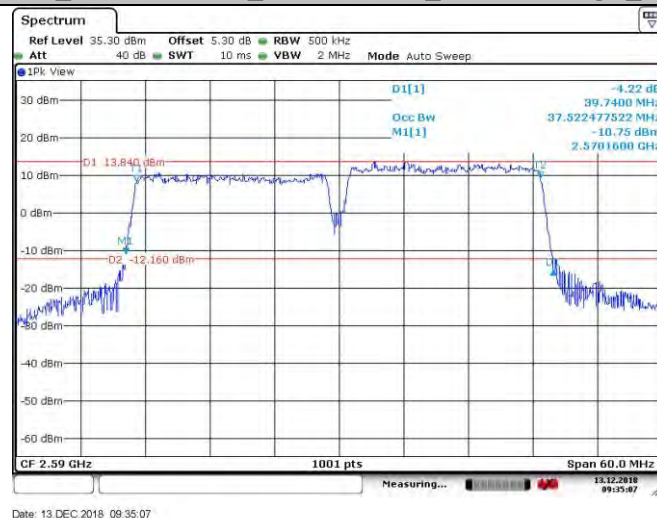


CA_38C_16QAM_100RB+100RB_37952+38150_PCC:100RB@0_SCC:100RB@0



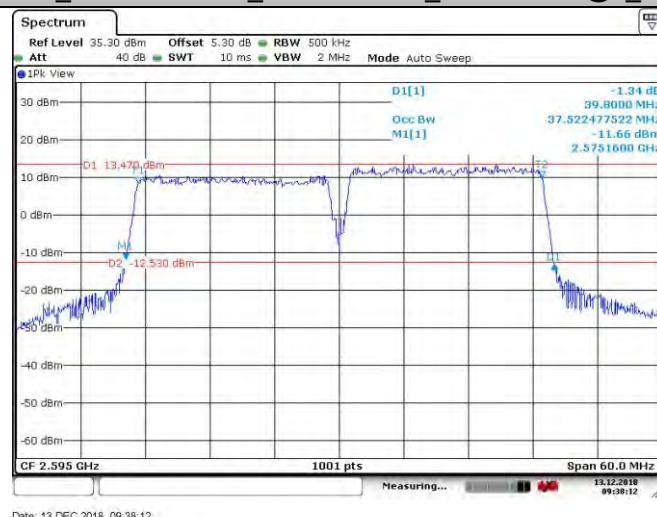
Date: 13 DEC 2018 09:31:06

CA_38C_16QAM_100RB+100RB_38048+37850_PCC:100RB@0_SCC:100RB@0



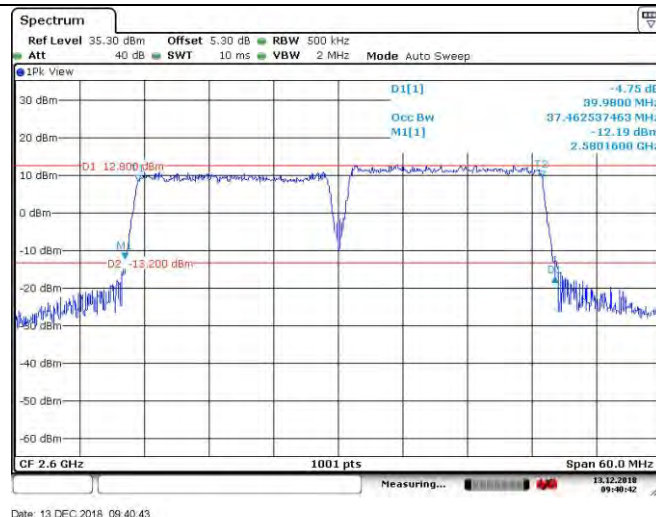
Date: 13 DEC 2018 09:35:07

CA_38C_16QAM_100RB+100RB_38099+37901_PCC:100RB@0_SCC:100RB@0

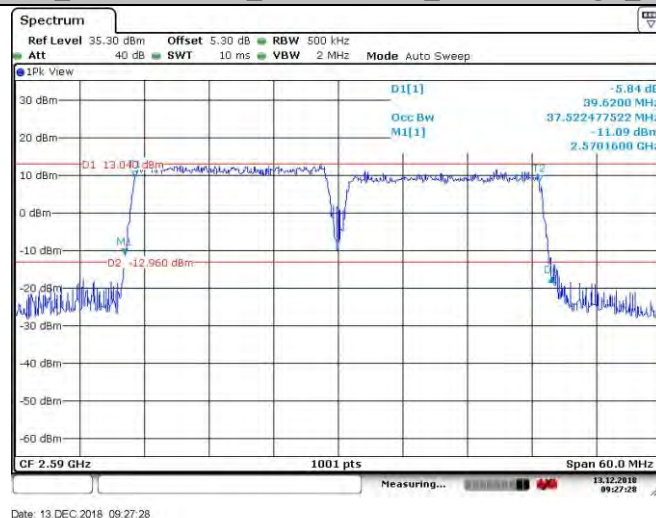


Date: 13 DEC 2018 09:38:12

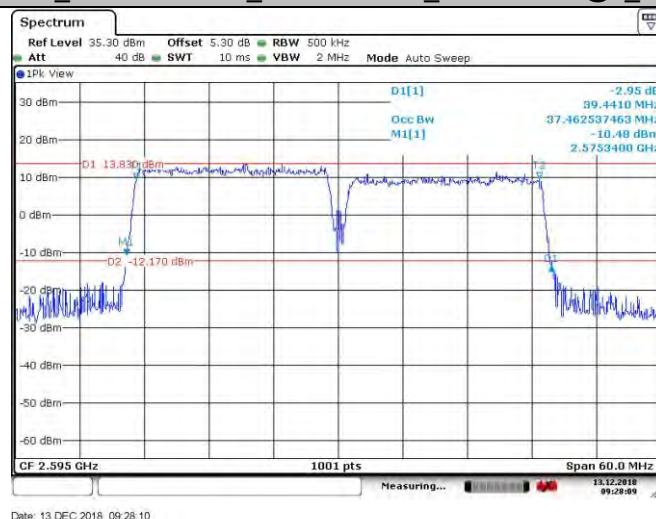
CA_38C_16QAM_100RB+100RB_38150+37952_PCC:100RB@0_SCC:100RB@0



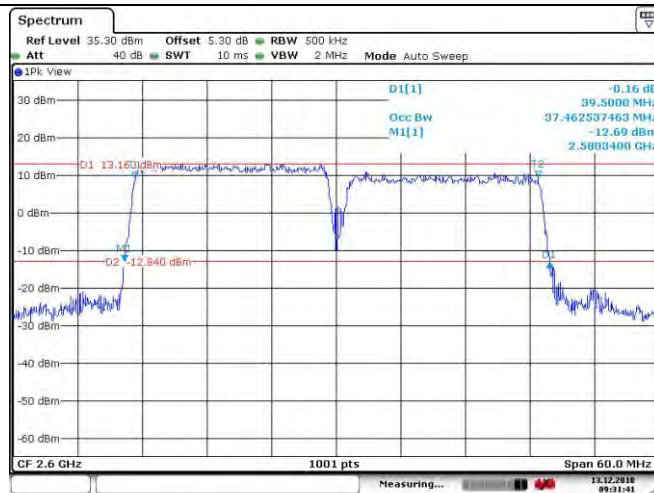
CA_38C_64QAM_100RB+100RB_37850+38048_PCC:100RB@0_SCC:100RB@0



CA_38C_64QAM_100RB+100RB_37901+38099_PCC:100RB@0_SCC:100RB@0

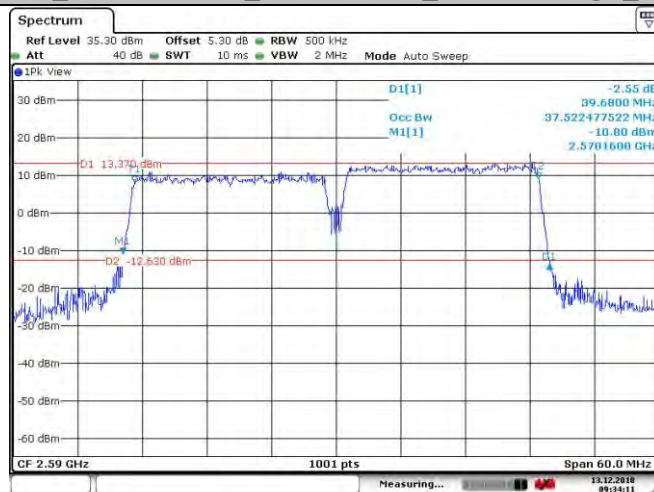


CA_38C_64QAM_100RB+100RB_37952+38150_PCC:100RB@0_SCC:100RB@0



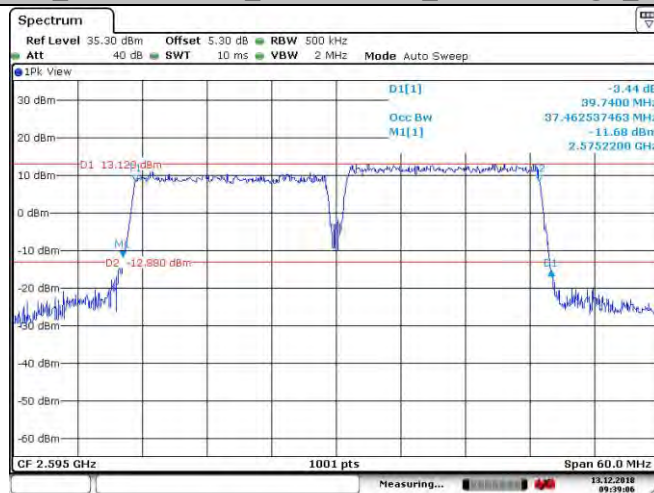
Date: 13 DEC 2018 09:31:42

CA_38C_64QAM_100RB+100RB_38048+37850_PCC:100RB@0_SCC:100RB@0



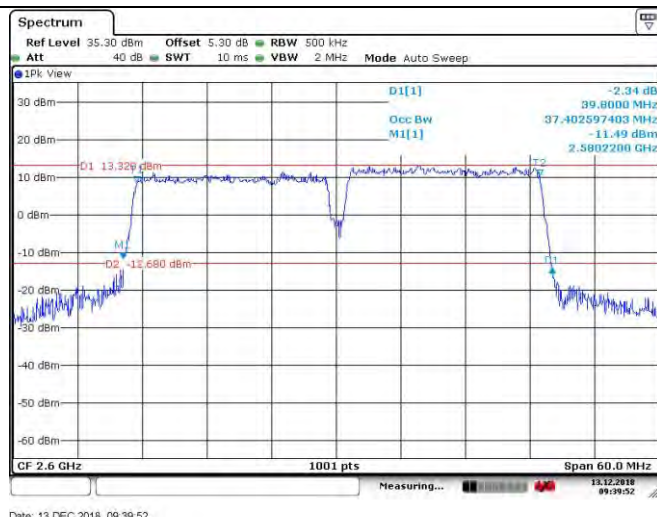
Date: 13 DEC 2018 09:34:12

CA_38C_64QAM_100RB+100RB_38099+37901_PCC:100RB@0_SCC:100RB@0



Date: 13 DEC 2018 09:39:06

CA_38C_64QAM_100RB+100RB_38150+37952_PCC:100RB@0_SCC:100RB@0



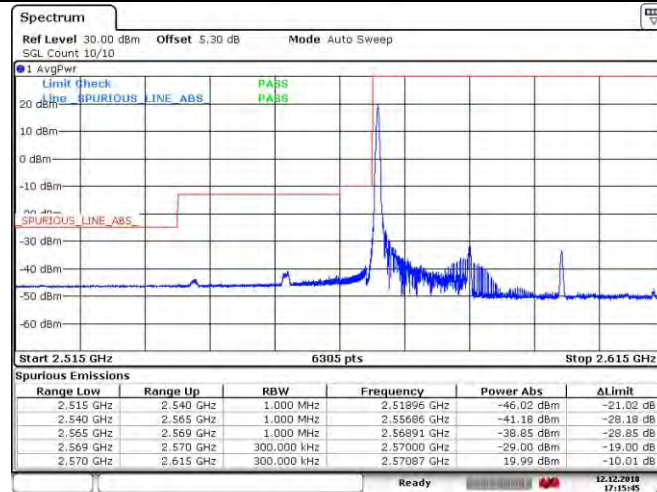


5 Band Edges Compliance

5.1 For LTE

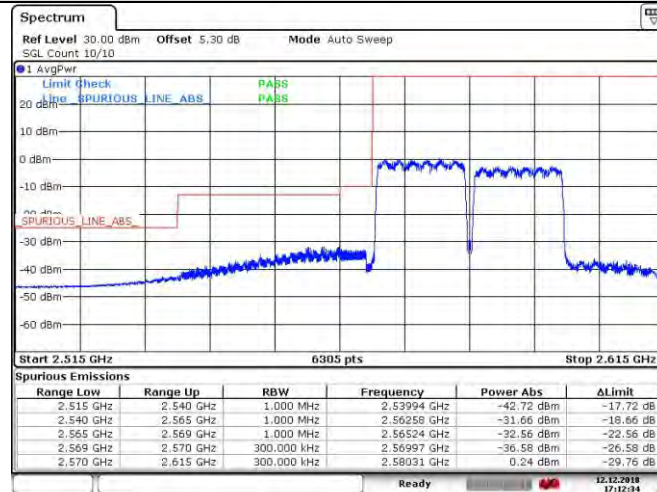
5.1.1 Test Band = LTE Band CA_38C

CA_38C_QPSK_75RB+75RB_37825+37975_PCC:1RB@0_SCC:0RB@0



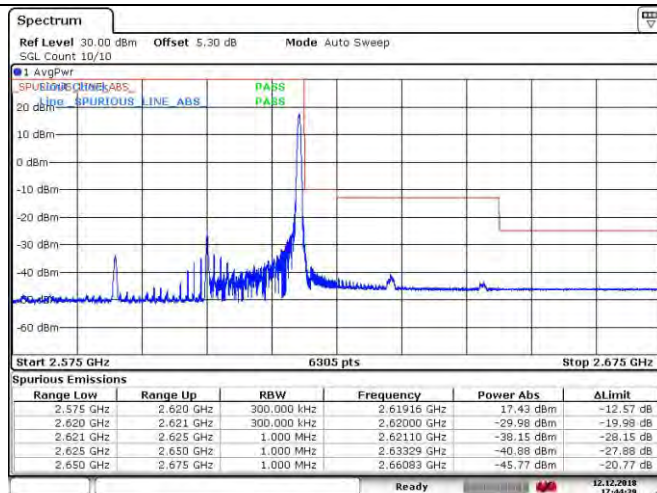
Date: 12 DEC 2018 17:15:46

CA_38C_QPSK_75RB+75RB_37825+37975_PCC:75RB@0_SCC:75RB@0



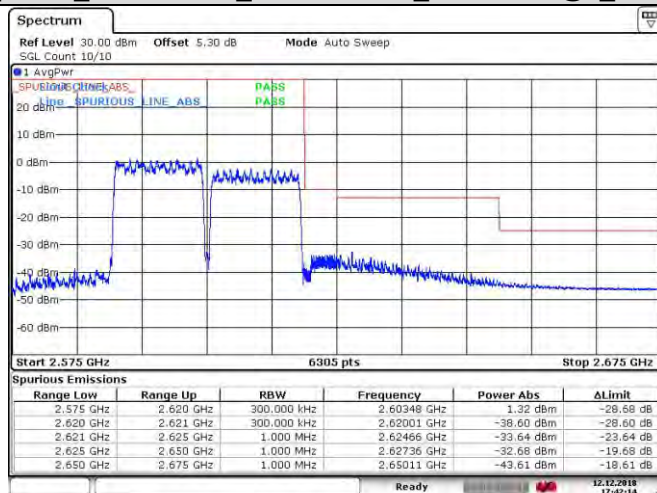
Date: 12 DEC 2018 17:12:34

CA_38C_QPSK_75RB+75RB_38025+38175_PCC:0RB@0_SCC:1RB@74



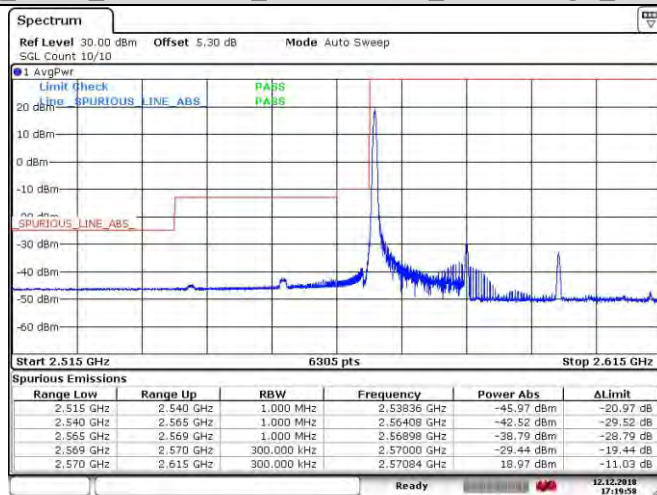
Date: 12 DEC 2018 17:44:40

CA_38C_QPSK_75RB+75RB_38025+38175_PCC:75RB@0_SCC:75RB@0



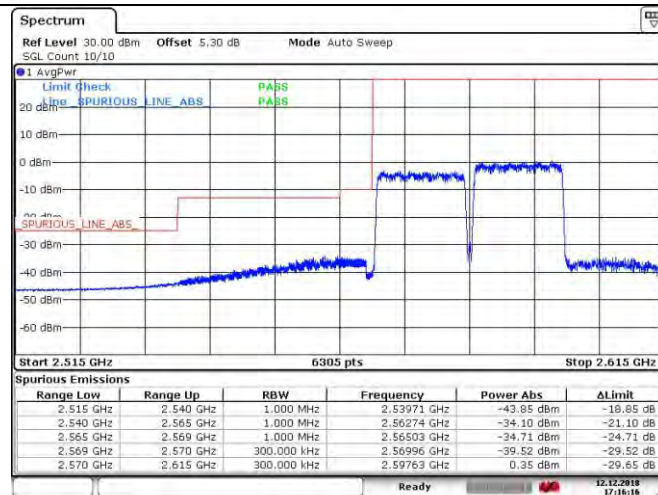
Date: 12 DEC 2018 17:42:14

CA_38C_QPSK_75RB+75RB_37975+37825_PCC:0RB@0_SCC:1RB@0



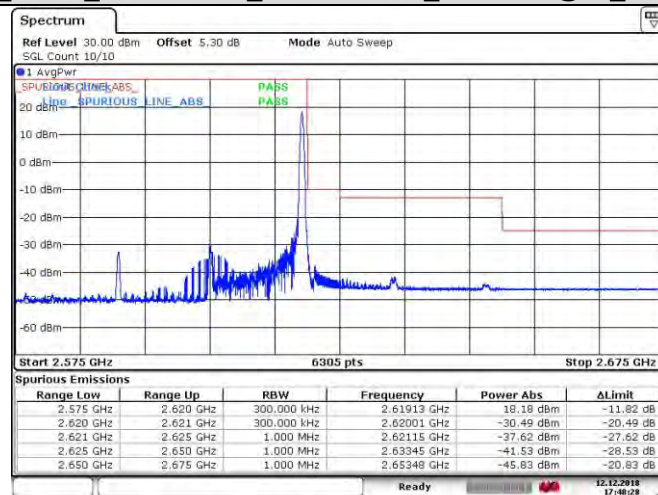
Date: 12 DEC 2018 17:19:58

CA_38C_QPSK_75RB+75RB_37975+37825_PCC:75RB@0_SCC:75RB@0



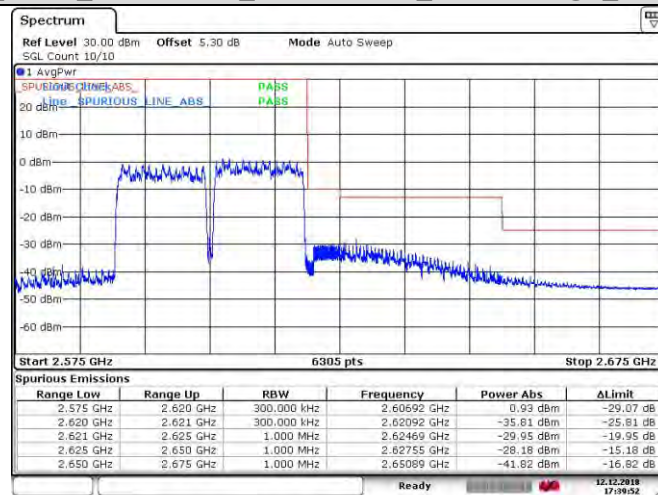
Date: 12 DEC 2018 17:16:16

CA_38C_QPSK_75RB+75RB_38175+38025_PCC:1RB@74_SCC:0RB@0



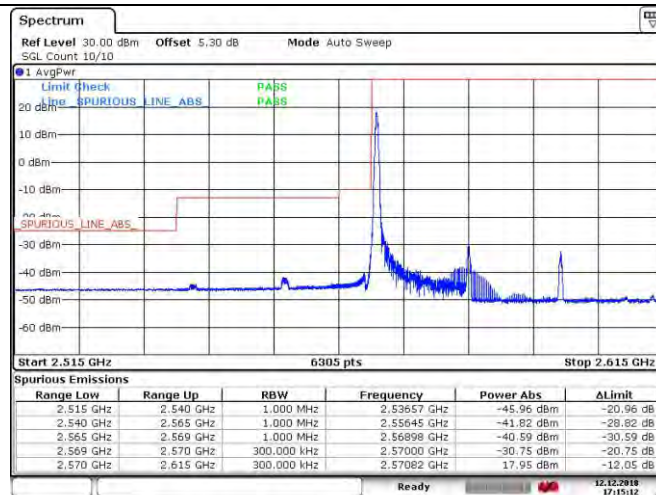
Date: 12 DEC 2018 17:48:28

CA_38C_QPSK_75RB+75RB_38175+38025_PCC:75RB@0_SCC:75RB@0



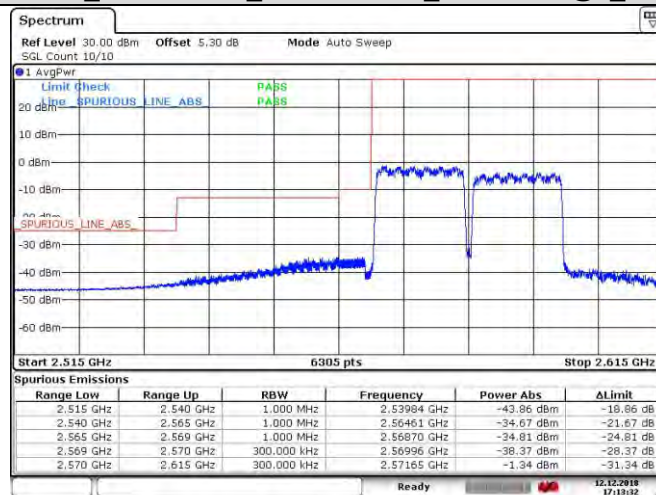
Date: 12 DEC 2018 17:39:52

CA_38C_16QAM_75RB+75RB_37825+37975_PCC:1RB@0_SCC:0RB@0



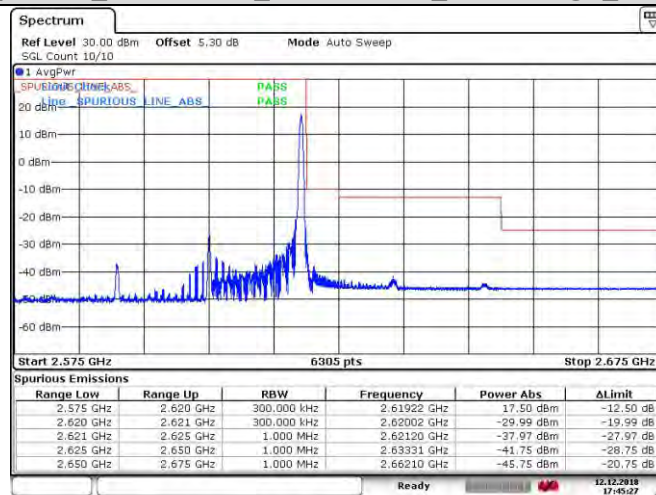
Date: 12 DEC 2018 17:15:12

CA_38C_16QAM_75RB+75RB_37825+37975_PCC:75RB@0_SCC:75RB@0



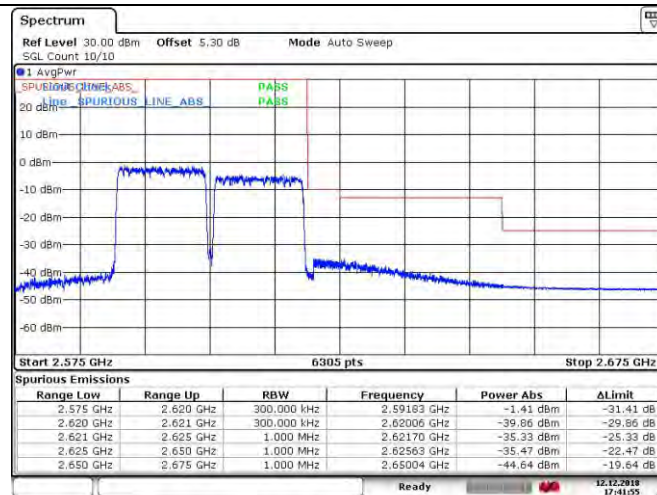
Date: 12 DEC 2018 17:13:32

CA_38C_16QAM_75RB+75RB_38025+38175_PCC:0RB@0_SCC:1RB@74



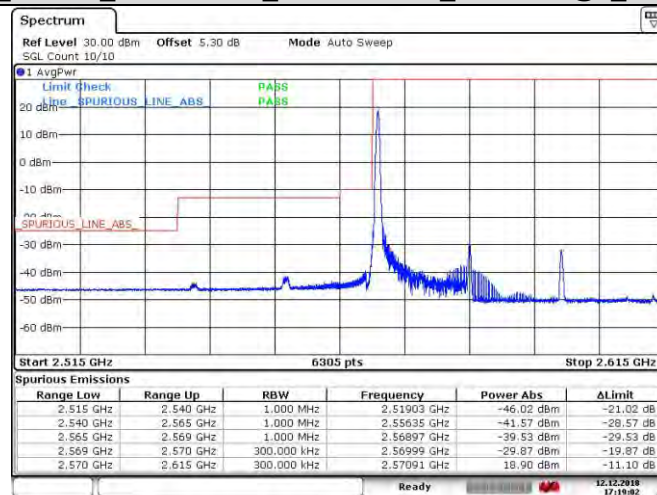
Date: 12 DEC 2018 17:45:27

CA_38C_16QAM_75RB+75RB_38025+38175_PCC:75RB@0_SCC:75RB@0



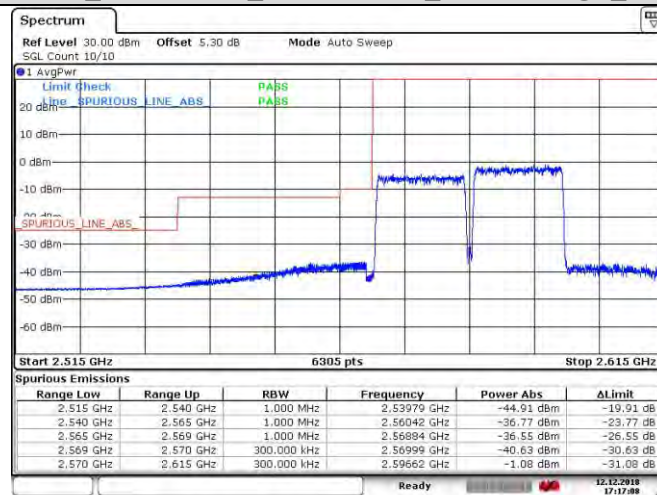
Date: 12 DEC 2018 17:41:55

CA_38C_16QAM_75RB+75RB_37975+37825_PCC:0RB@0_SCC:1RB@0



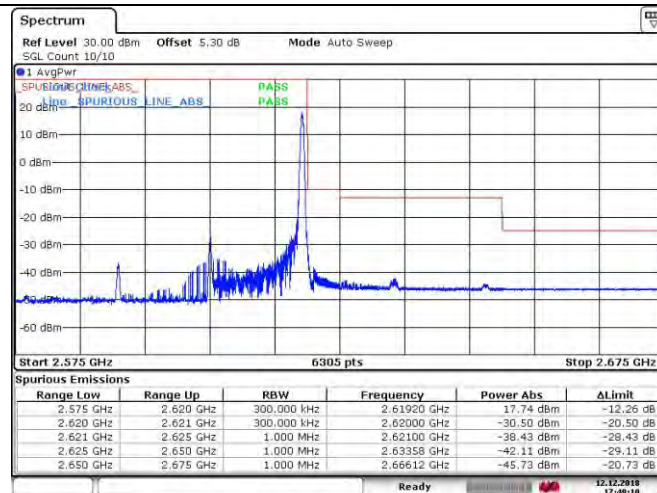
Date: 12 DEC 2018 17:19:03

CA_38C_16QAM_75RB+75RB_37975+37825_PCC:75RB@0_SCC:75RB@0



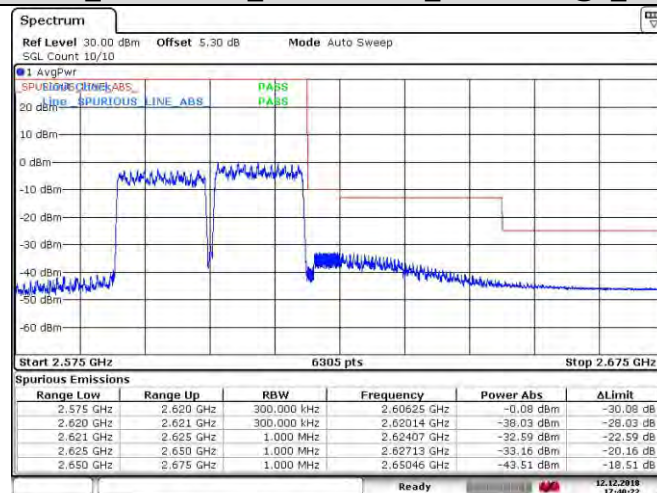
Date: 12 DEC 2018 17:17:09

CA_38C_16QAM_75RB+75RB_38175+38025_PCC:1RB@74_SCC:0RB@0



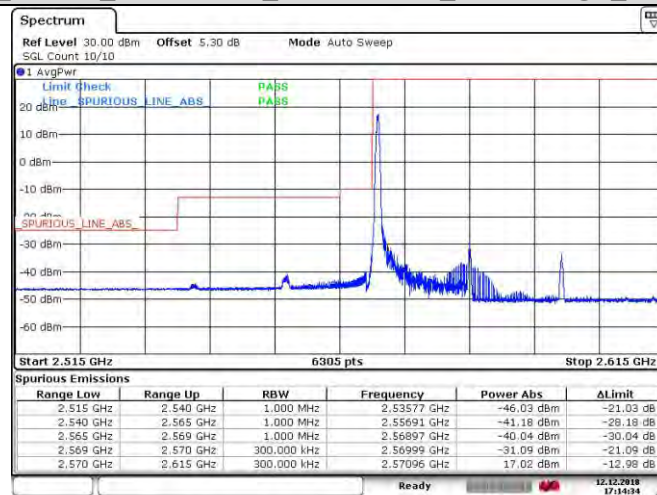
Date: 12 DEC 2018 17:49:10

CA_38C_16QAM_75RB+75RB_38175+38025_PCC:75RB@0_SCC:75RB@0



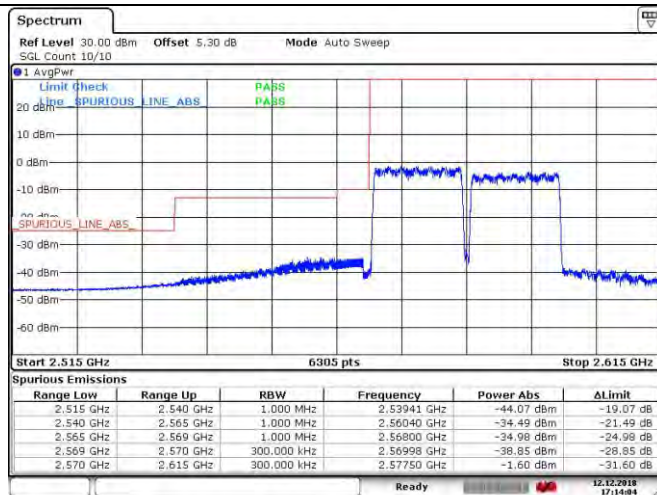
Date: 12 DEC 2018 17:49:23

CA_38C_64QAM_75RB+75RB_37825+37975_PCC:1RB@0_SCC:0RB@0



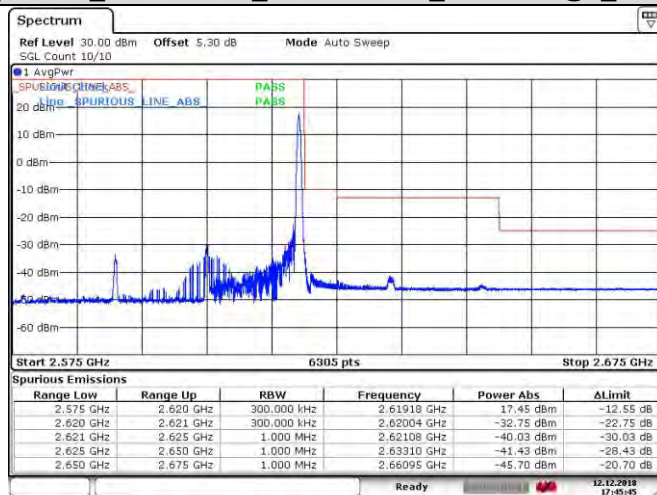
Date: 12 DEC 2018 17:14:35

CA_38C_64QAM_75RB+75RB_37825+37975_PCC:75RB@0_SCC:75RB@0



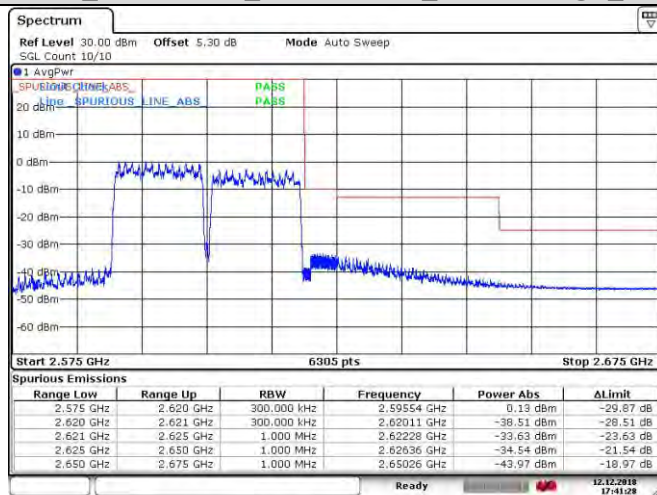
Date: 12 DEC 2018 17:14:04

CA_38C_64QAM_75RB+75RB_38025+38175_PCC:0RB@0_SCC:1RB@74



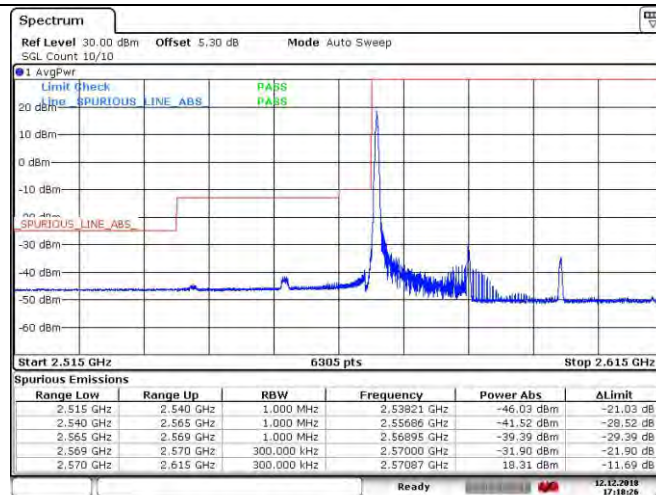
Date: 12 DEC 2018 17:45:46

CA_38C_64QAM_75RB+75RB_38025+38175_PCC:75RB@0_SCC:75RB@0



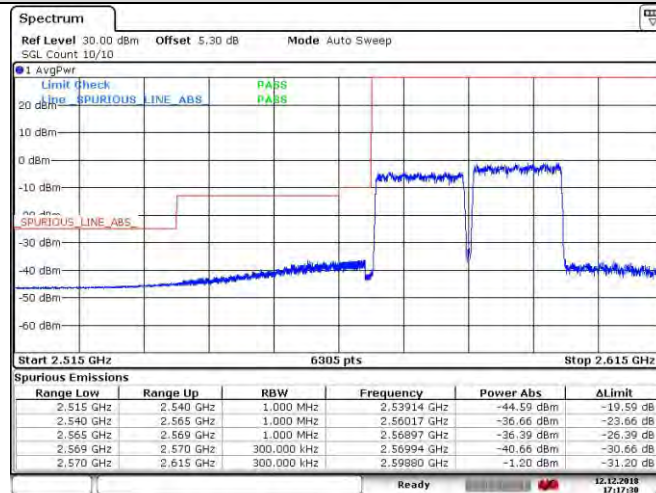
Date: 12 DEC 2018 17:41:29

CA_38C_64QAM_75RB+75RB_37975+37825_PCC:0RB@0_SCC:1RB@0



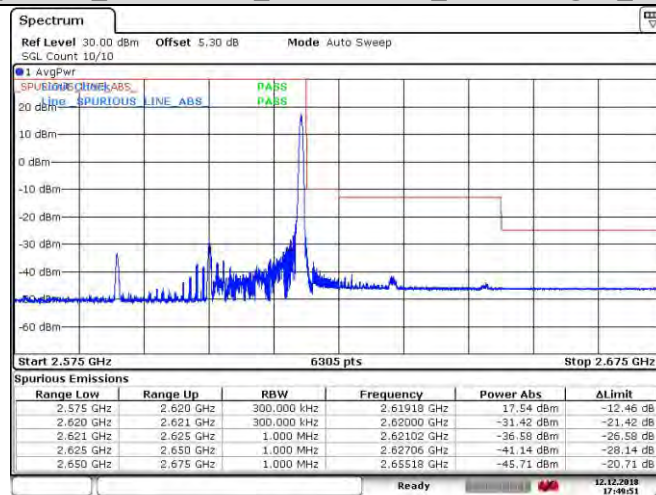
Date: 12 DEC 2018 17:18:26

CA_38C_64QAM_75RB+75RB_37975+37825_PCC:75RB@0_SCC:75RB@0



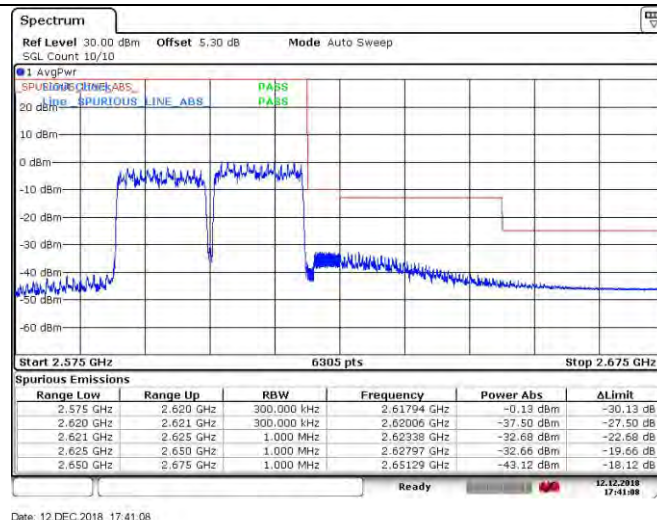
Date: 12 DEC 2018 17:17:38

CA_38C_64QAM_75RB+75RB_38175+38025_PCC:1RB@74_SCC:0RB@0



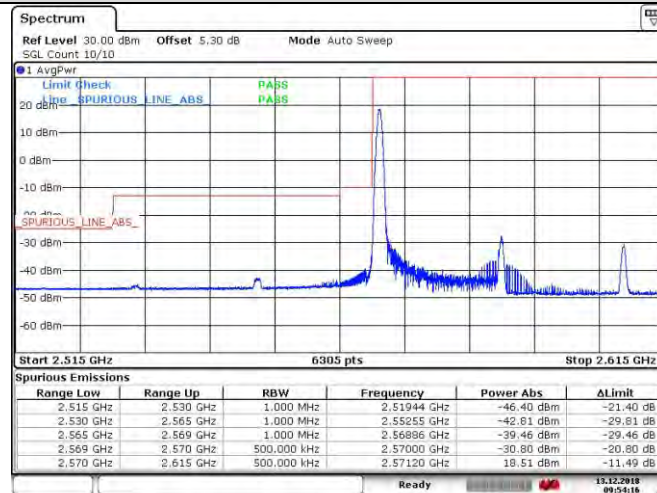
Date: 12 DEC 2018 17:49:52

CA_38C_64QAM_75RB+75RB_38175+38025_PCC:75RB@0_SCC:75RB@0



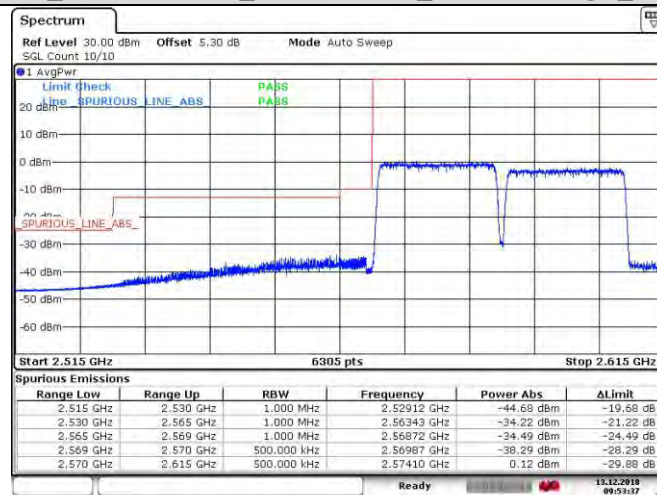
Date: 12 DEC 2018 17:41:08

CA_38C_QPSK_100RB+100RB_37850+38048_PCC:1RB@0_SCC:0RB@0



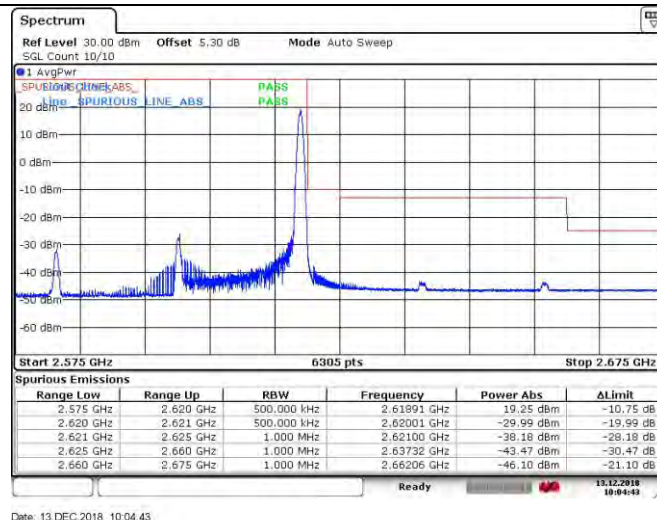
Date: 13 DEC 2018 09:54:16

CA_38C_QPSK_100RB+100RB_37850+38048_PCC:100RB@0_SCC:100RB@0



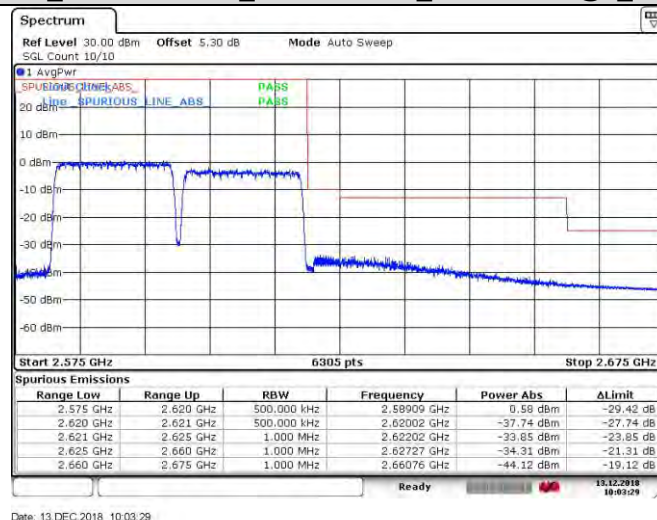
Date: 13 DEC 2018 09:53:37

CA_38C_QPSK_100RB+100RB_37952+38150_PCC:0RB@0_SCC:1RB@99



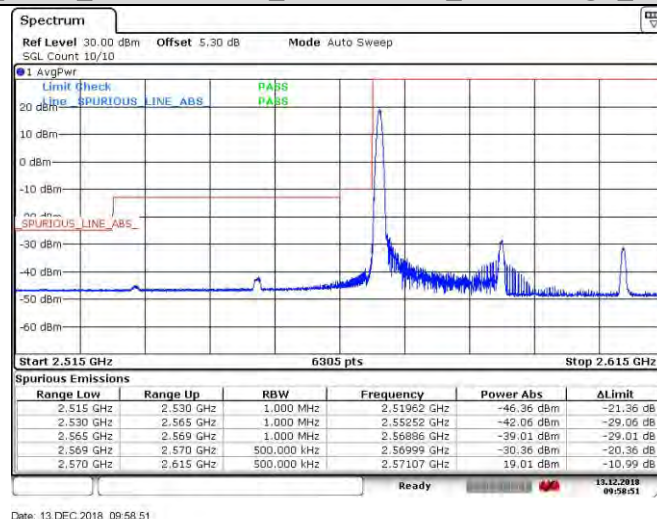
Date: 13.DEC.2018 10:04:43

CA_38C_QPSK_100RB+100RB_37952+38150_PCC:100RB@0_SCC:100RB@0



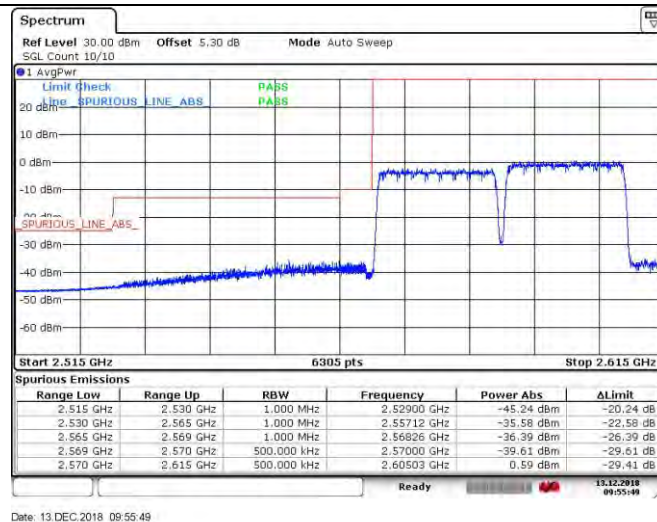
Date: 13.DEC.2018 10:03:29

CA_38C_QPSK_100RB+100RB_38048+37850_PCC:0RB@0_SCC:1RB@0



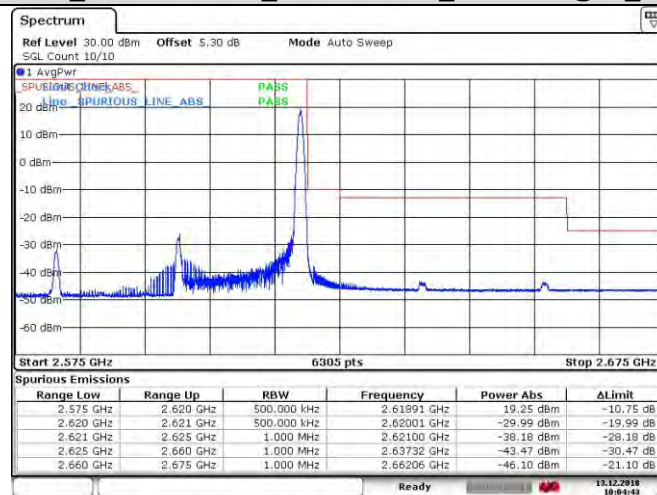
Date: 13.DEC.2018 09:58:51

CA_38C_QPSK_100RB+100RB_38048+37850_PCC:100RB@0_SCC:100RB@0



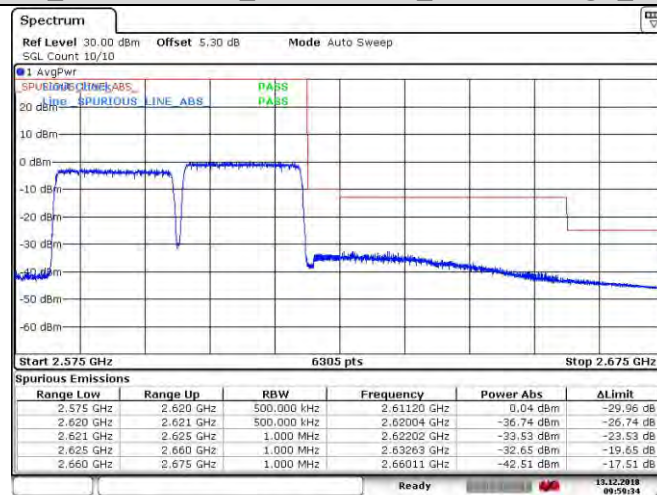
Date: 13 DEC 2018 09:55:49

CA_38C_QPSK_100RB+100RB_38150+37952_PCC:1RB@99_SCC:0RB@0



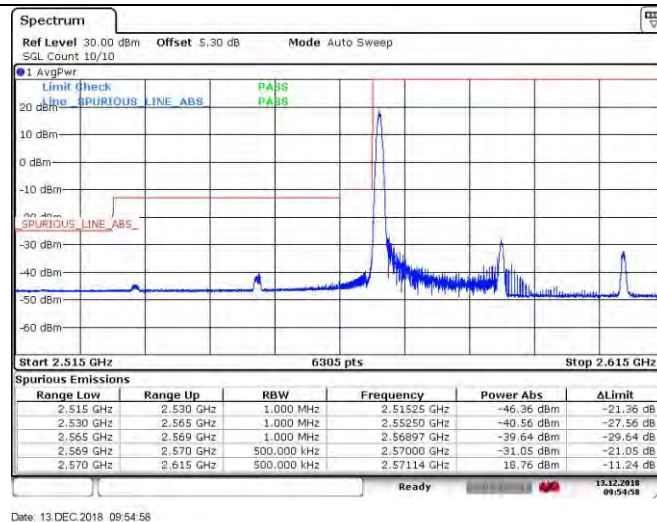
Date: 13 DEC 2018 10:04:43

CA_38C_QPSK_100RB+100RB_38150+37952_PCC:100RB@0_SCC:100RB@0



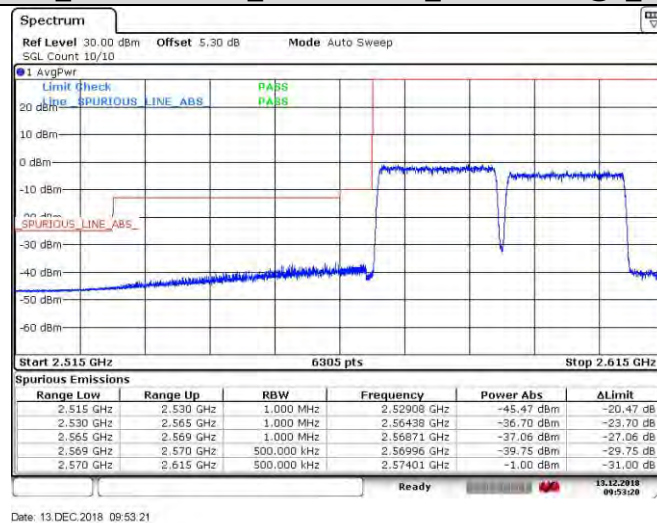
Date: 13 DEC 2018 09:59:33

CA_38C_16QAM_100RB+100RB_37850+38048_PCC:1RB@0_SCC:0RB@0



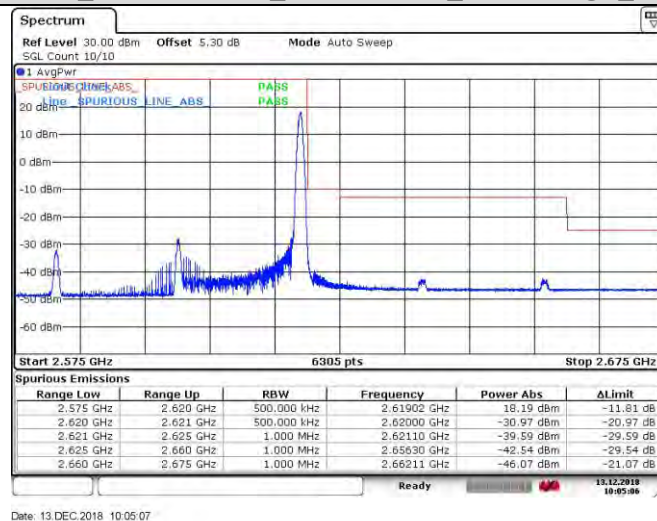
Date: 13.DEC.2018 09:54:58

CA_38C_16QAM_100RB+100RB_37850+38048_PCC:100RB@0_SCC:100RB@0



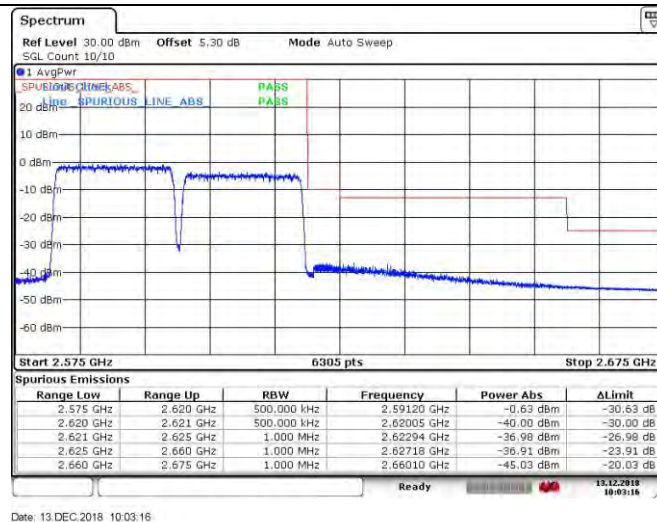
Date: 13.DEC.2018 09:53:21

CA_38C_16QAM_100RB+100RB_37952+38150_PCC:0RB@0_SCC:1RB@99



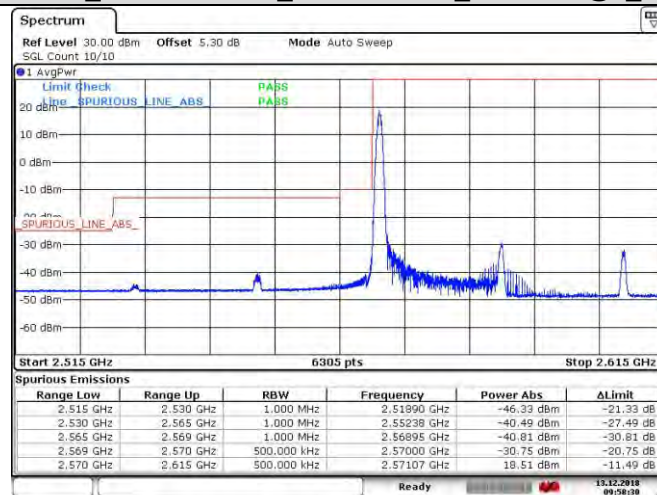
Date: 13.DEC.2018 10:05:07

CA_38C_16QAM_100RB+100RB_37952+38150_PCC:100RB@0_SCC:100RB@0



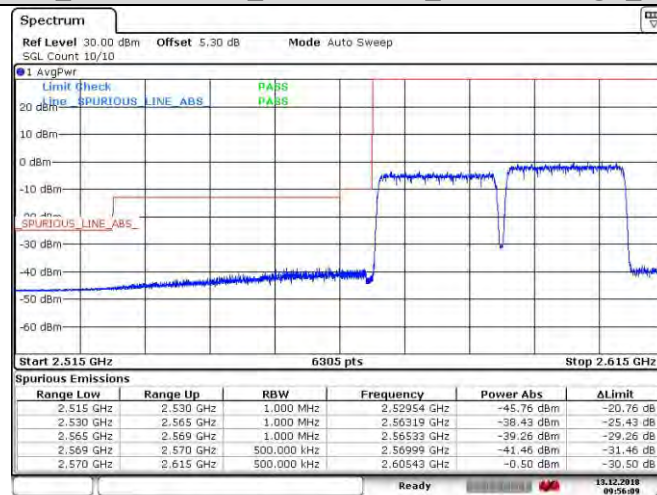
Date: 13.DEC.2018 10:03:16

CA_38C_16QAM_100RB+100RB_38048+37850_PCC:0RB@0_SCC:1RB@0



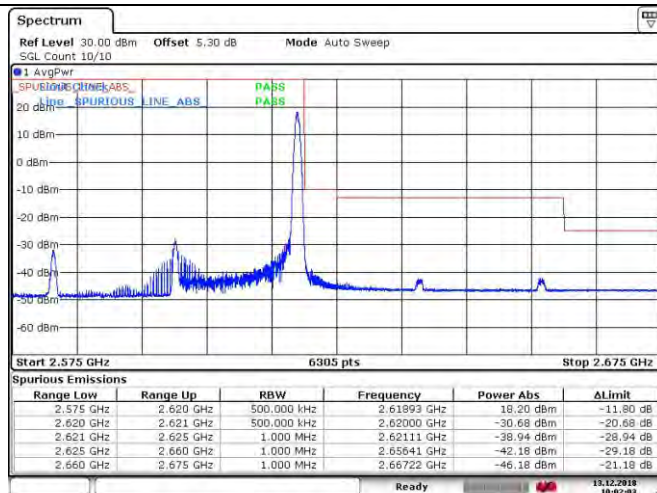
Date: 13.DEC.2018 09:58:38

CA_38C_16QAM_100RB+100RB_38048+37850_PCC:100RB@0_SCC:100RB@0



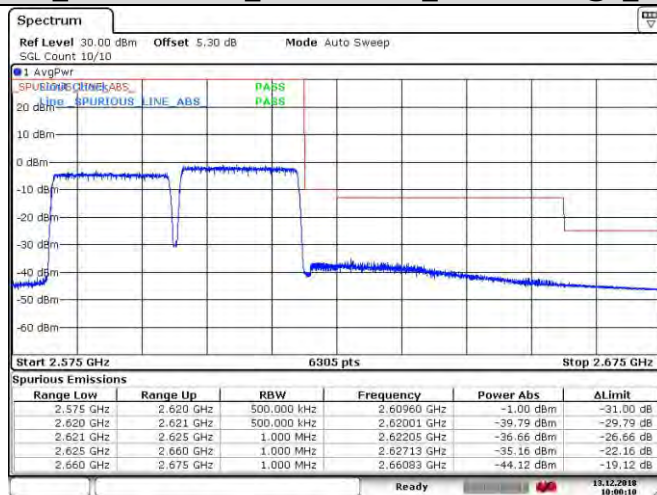
Date: 13.DEC.2018 09:58:09

CA_38C_16QAM_100RB+100RB_38150+37952_PCC:1RB@99_SCC:0RB@0



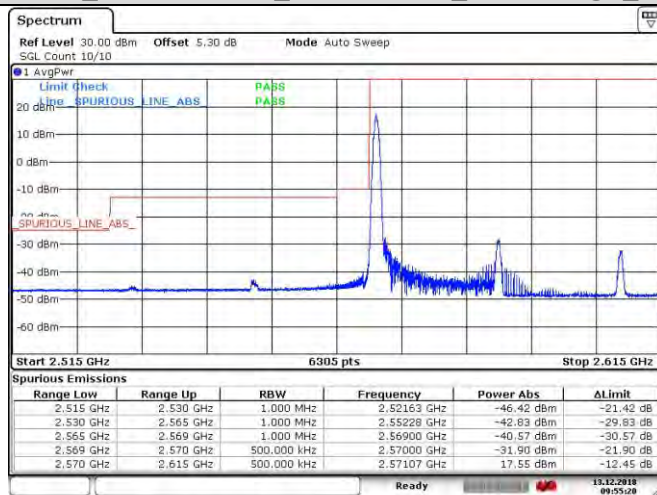
Date: 13.DEC.2018 10:02:03

CA_38C_16QAM_100RB+100RB_38150+37952_PCC:100RB@0_SCC:100RB@0



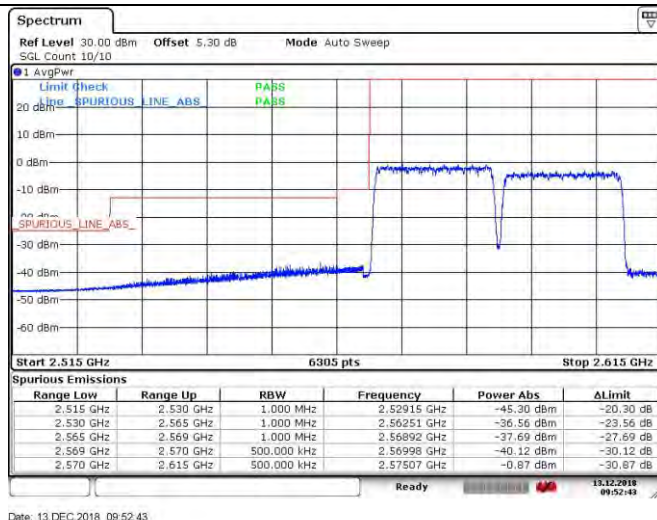
Date: 13.DEC.2018 10:00:10

CA_38C_64QAM_100RB+100RB_37850+38048_PCC:1RB@0_SCC:0RB@0



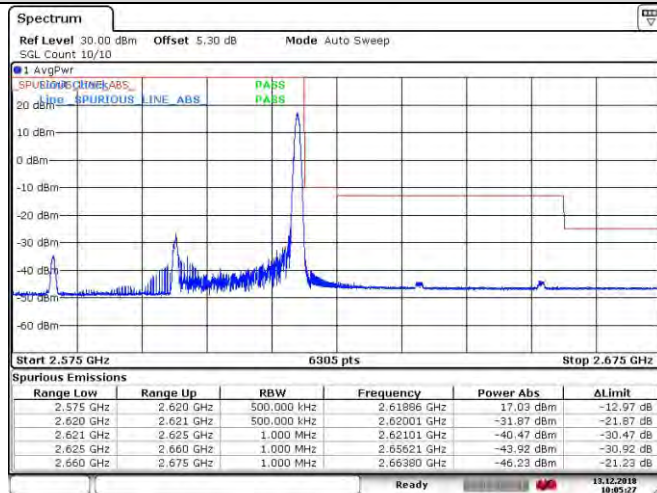
Date: 13.DEC.2018 09:55:21

CA_38C_64QAM_100RB+100RB_37850+38048_PCC:100RB@0_SCC:100RB@0



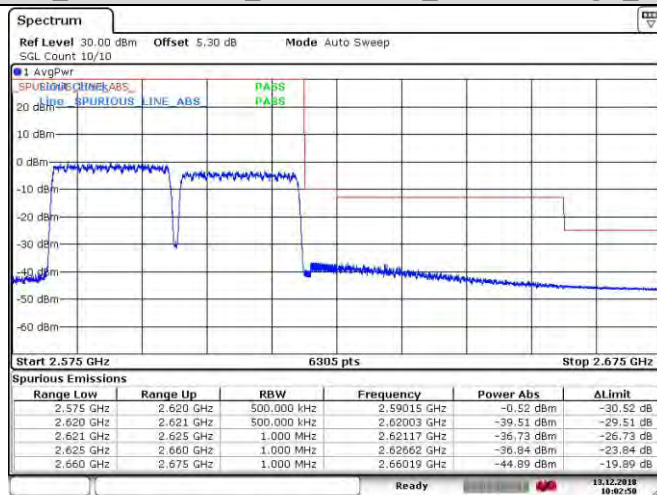
Date: 13 DEC 2018 09:52:43

CA_38C_64QAM_100RB+100RB_37952+38150_PCC:0RB@0_SCC:1RB@99



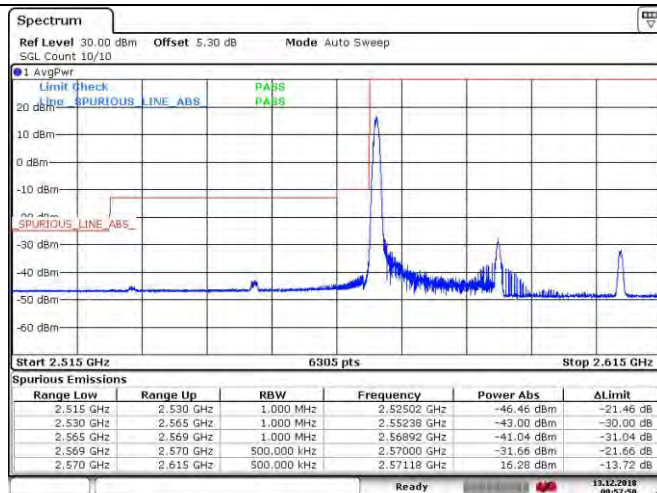
Date: 13 DEC 2018 10:05:27

CA_38C_64QAM_100RB+100RB_37952+38150_PCC:100RB@0_SCC:100RB@0



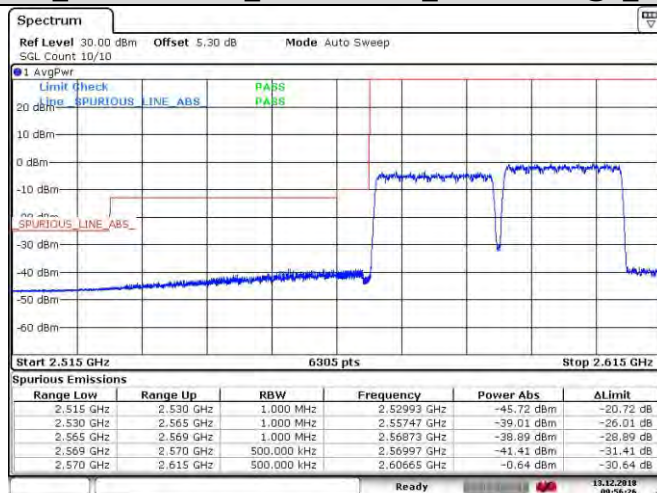
Date: 13 DEC 2018 10:02:50

CA_38C_64QAM_100RB+100RB_38048+37850_PCC:0RB@0_SCC:1RB@0



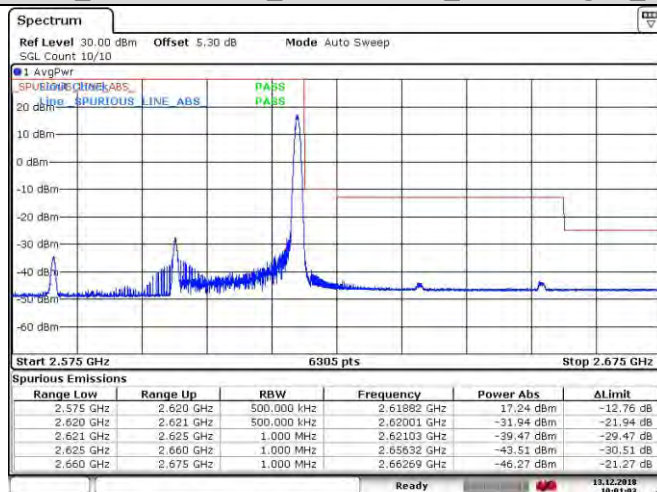
Date: 13.DEC.2018 09:57:51

CA_38C_64QAM_100RB+100RB_38048+37850_PCC:100RB@0_SCC:100RB@0



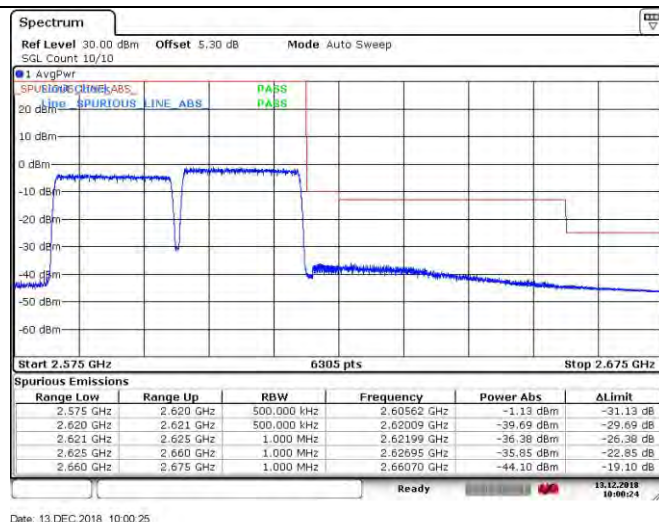
Date: 13.DEC.2018 09:58:26

CA_38C_64QAM_100RB+100RB_38150+37952_PCC:1RB@99_SCC:0RB@0



Date: 13.DEC.2018 10:01:03

CA_38C_64QAM_100RB+100RB_38150+37952_PCC:100RB@0_SCC:100RB@0



Date: 13 DEC 2018 10:00:25



6 Spurious Emission at Antenna Terminal

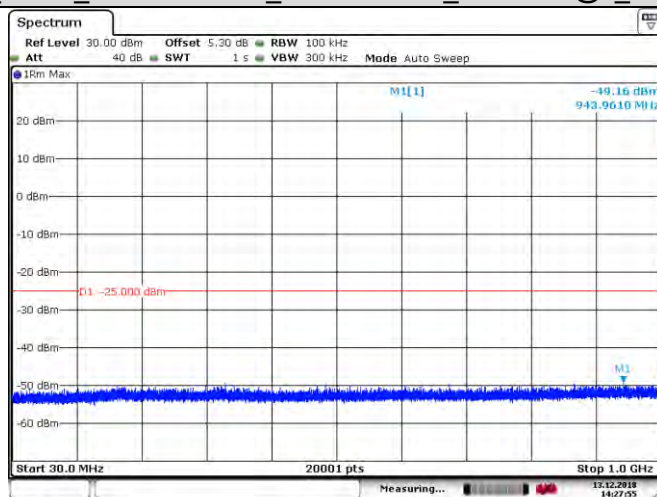
NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (\text{Span} / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Part I - Test Plots

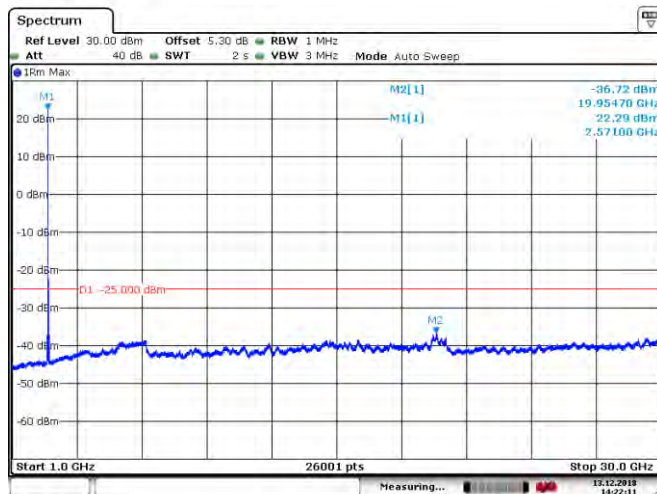
6.1 For LTE

6.1.1 Test Band = LTE Band CA_38C

CA_38C_QPSK_100RB+100RB_37850+38048_PCC:1RB@0_SCC:0RB@0

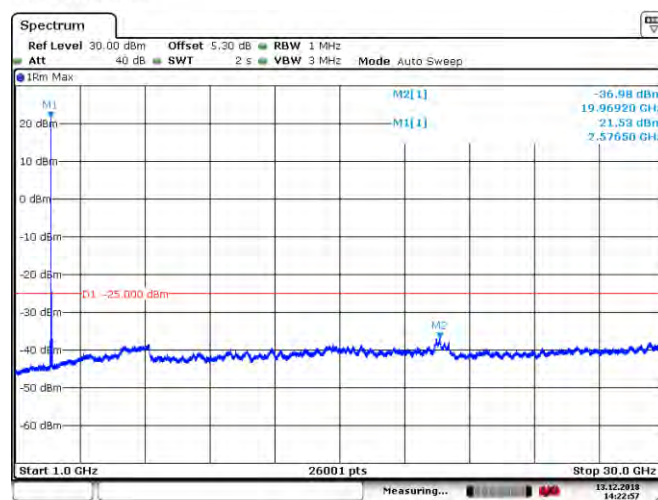
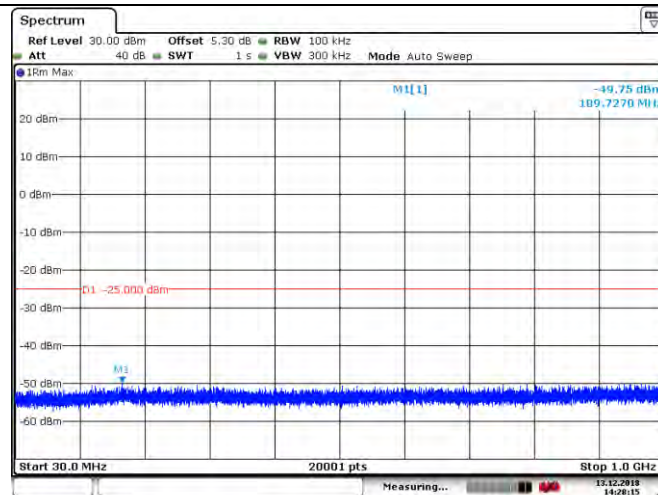


Date: 13 DEC 2018 14:27:56

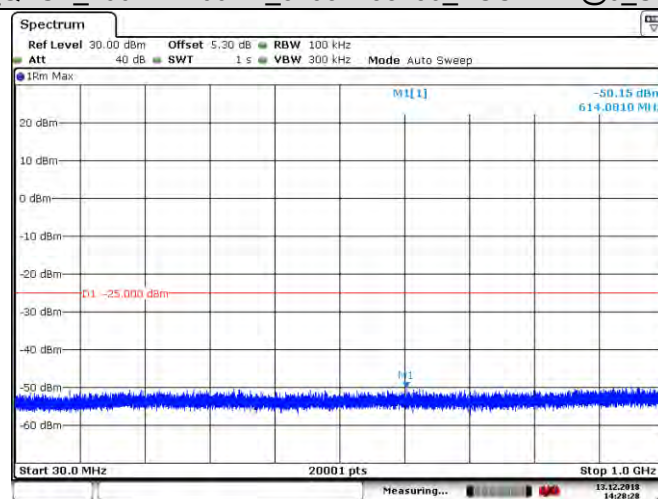


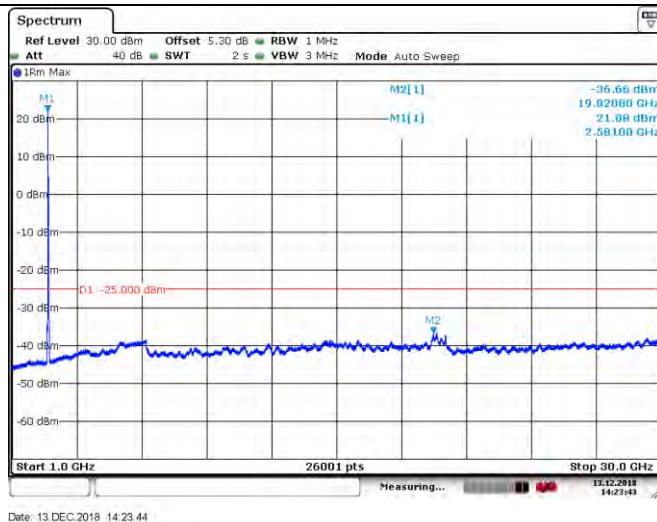
Date: 13 DEC 2018 14:22:12

CA_38C_QPSK_100RB+100RB_37901+38099_PCC:1RB@0_SCC:0RB@0

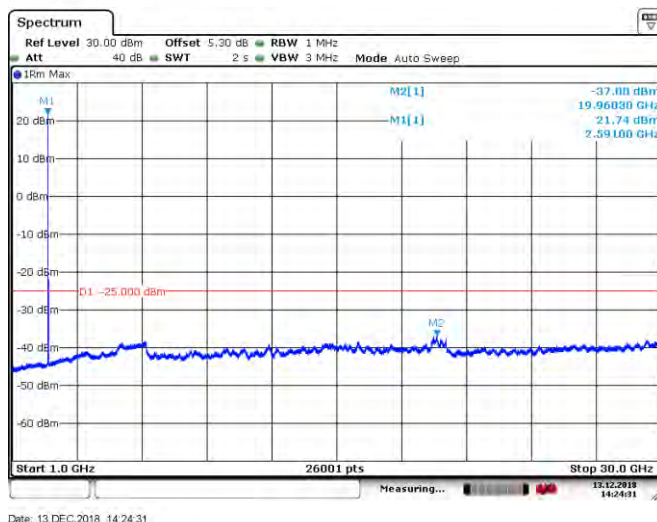
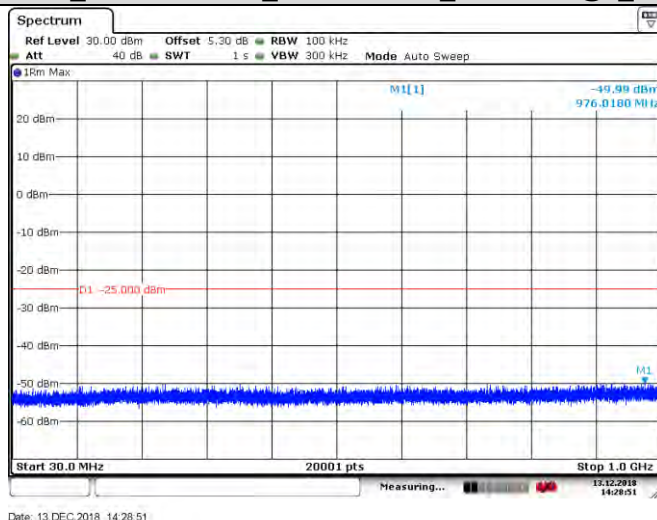


CA_38C_QPSK_100RB+100RB_37952+38150_PCC: 1RB@0_SCC:0RB@0

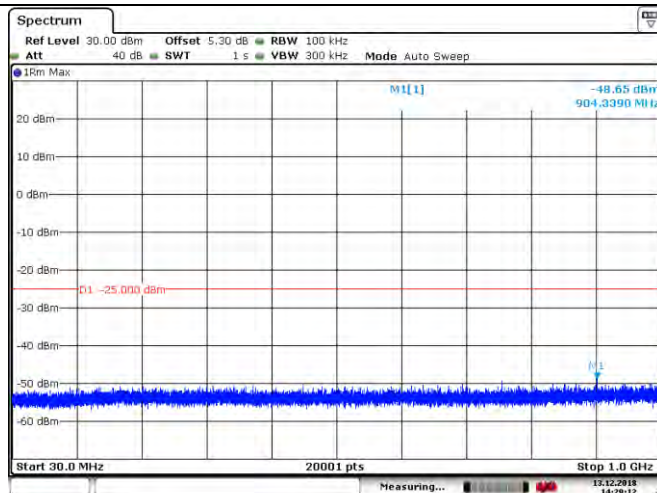




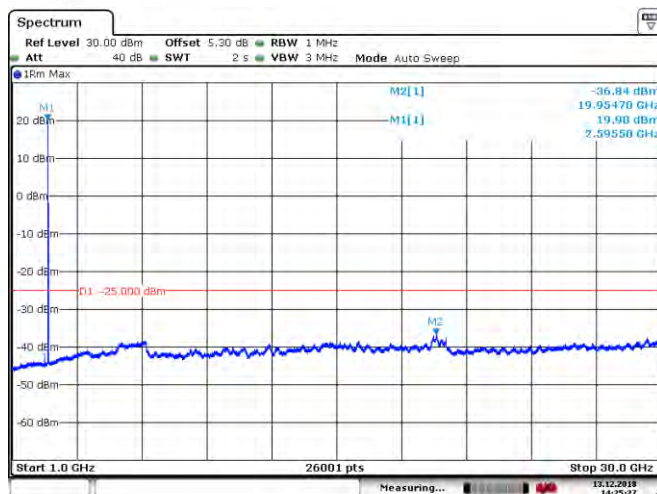
CA_38C_QPSK_100RB+100RB_38048+37850_PCC: 1RB@0_SCC:0RB@0



CA_38C_QPSK_100RB+100RB_38099+37901_PCC: 1RB@0_SCC:0RB@0

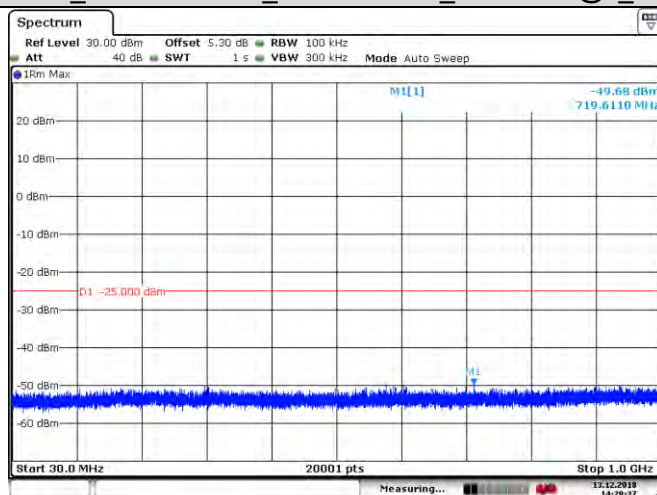


Date: 13 DEC.2018 14:29:12

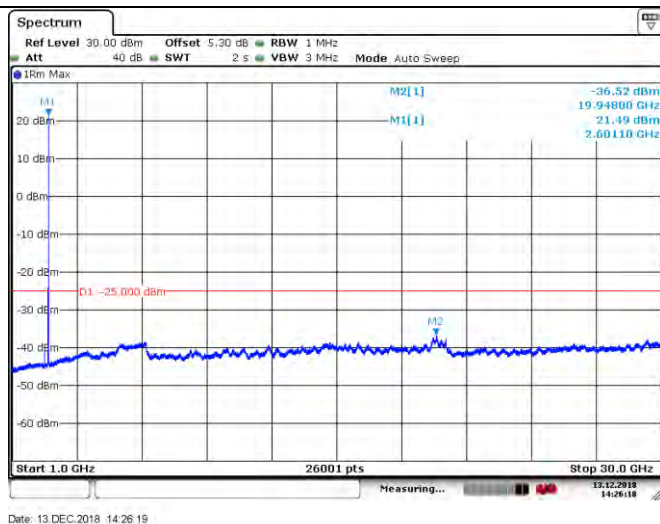


Date: 13 DEC.2018 14:25:37

CA_38C_QPSK_100RB+100RB_38150+37952_PCC: 1RB@0_SCC:0RB@0



Date: 13 DEC.2018 14:29:38





7 Field Strength of Spurious Radiation

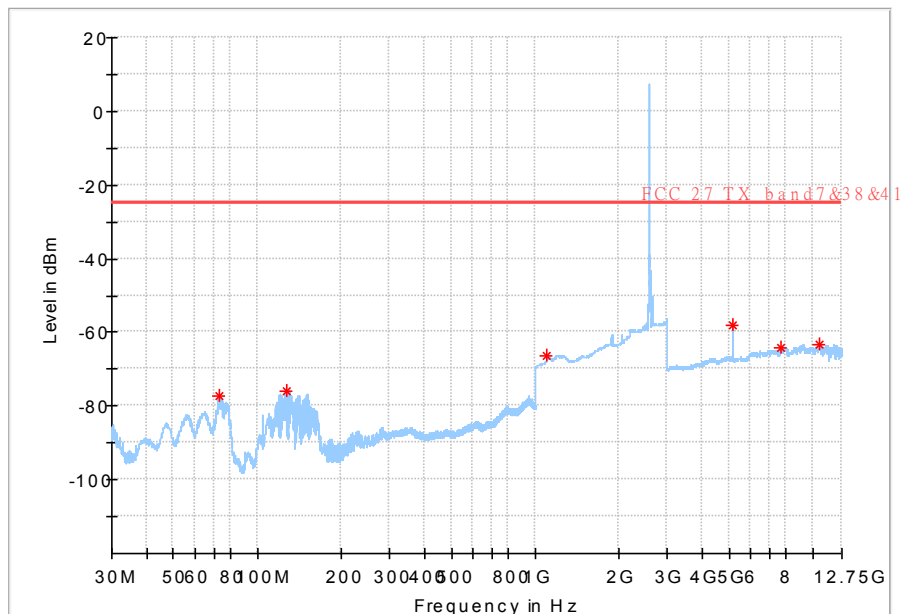
7.1 For LTE

7.1.1 Test Band = LTE Band CA_38C_Main Antenna

7.1.1.1 Test Mode =LTE/QPSK 100RB+100RB

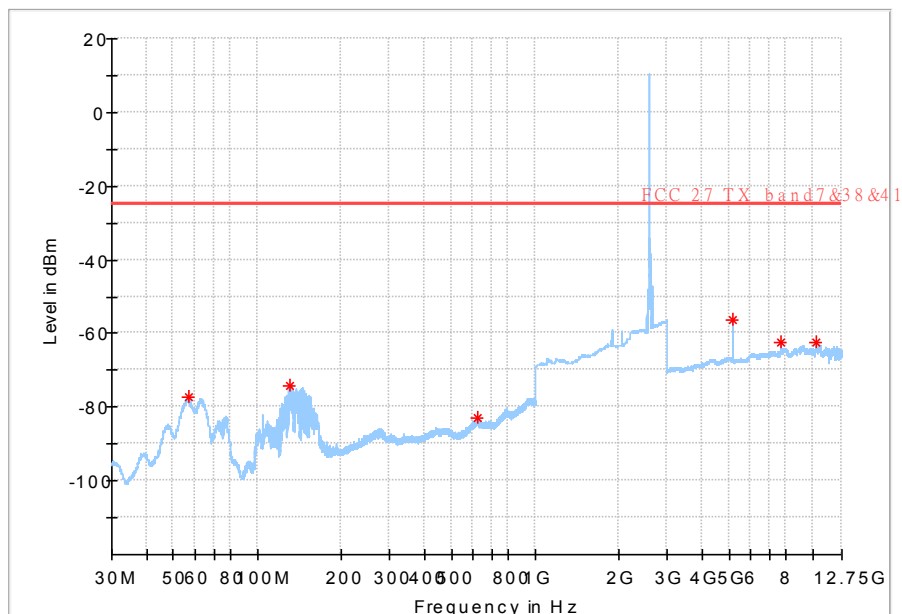
7.1.1.1.1 Test Channel = LCH-Vertical

Full Spectrum



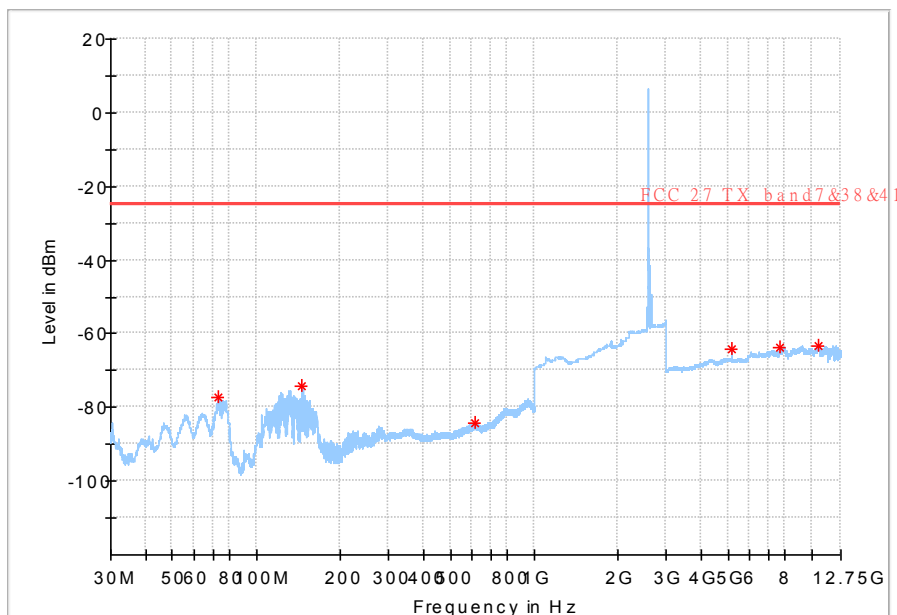
7.1.1.1.2 Test Channel = LCH-Horizontal

Full Spectrum



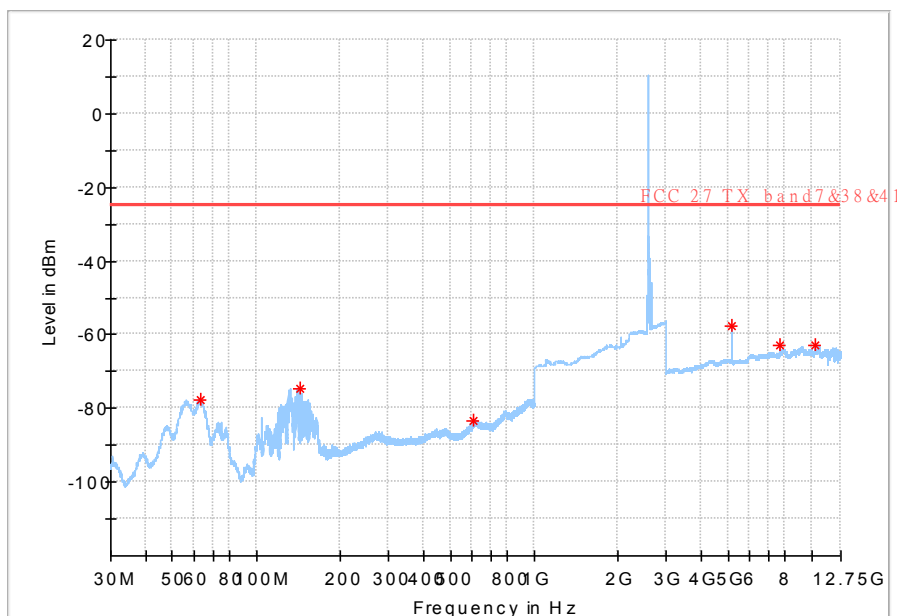
7.1.1.1.3 Test Channel = MCH-Vertical

Full Spectrum



7.1.1.1.4 Test Channel = MCH-Horizontal

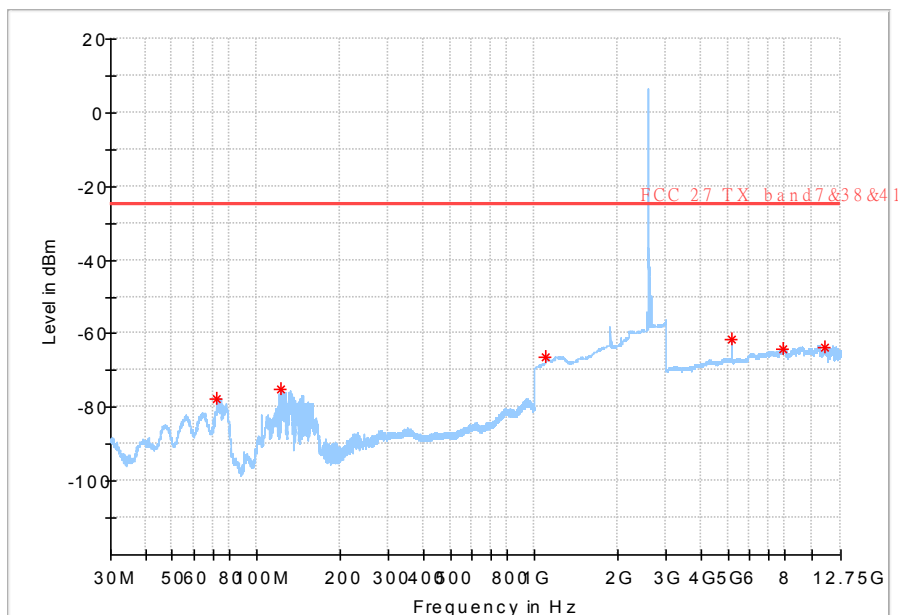
Full Spectrum





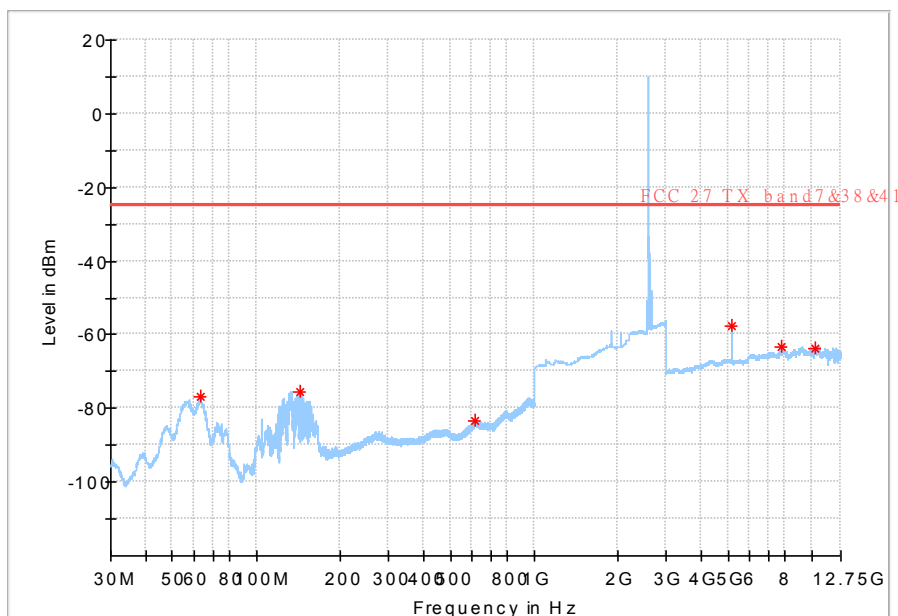
7.1.1.1.5 Test Channel = HCH-Vertical

Full Spectrum



7.1.1.1.6 Test Channel = HCH-Horizontal

Full Spectrum



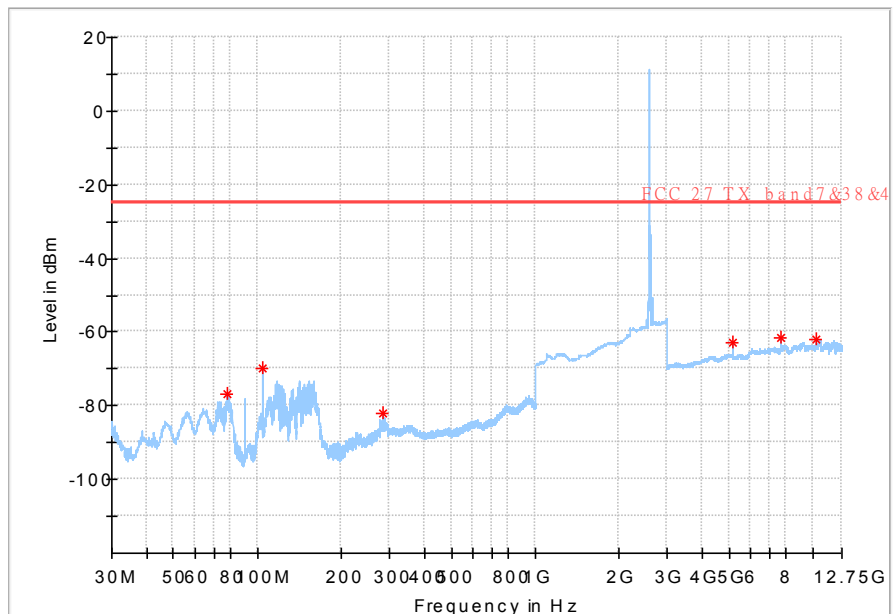


7.1.2 Test Band = LTE Band CA_38C_Secondary Antenna

7.1.2.1 Test Mode = LTE/QPSK 100RB+100RB

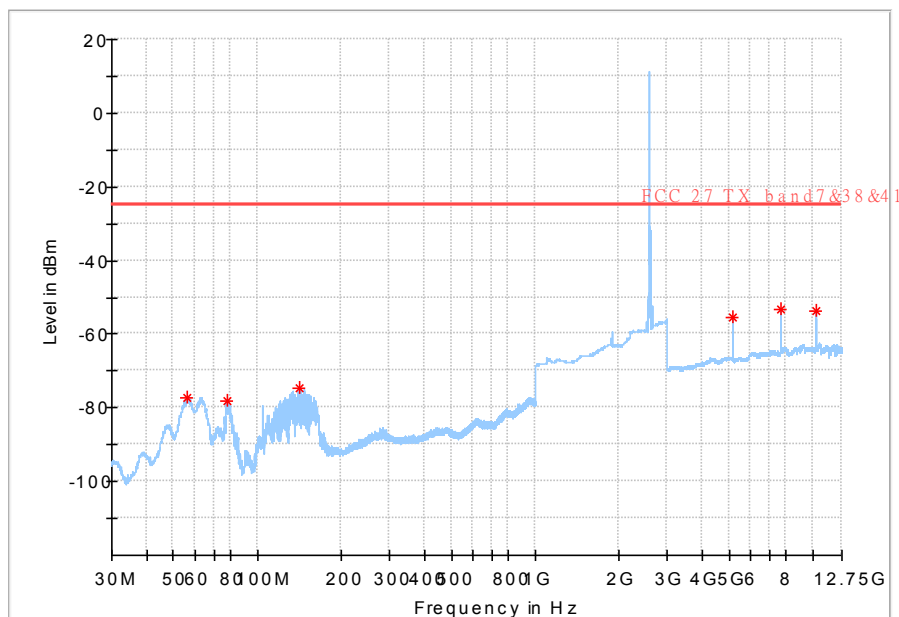
7.1.2.1.1 Test Channel = LCH-Vertical

Full Spectrum



7.1.2.1.2 Test Channel = LCH-Horizontal

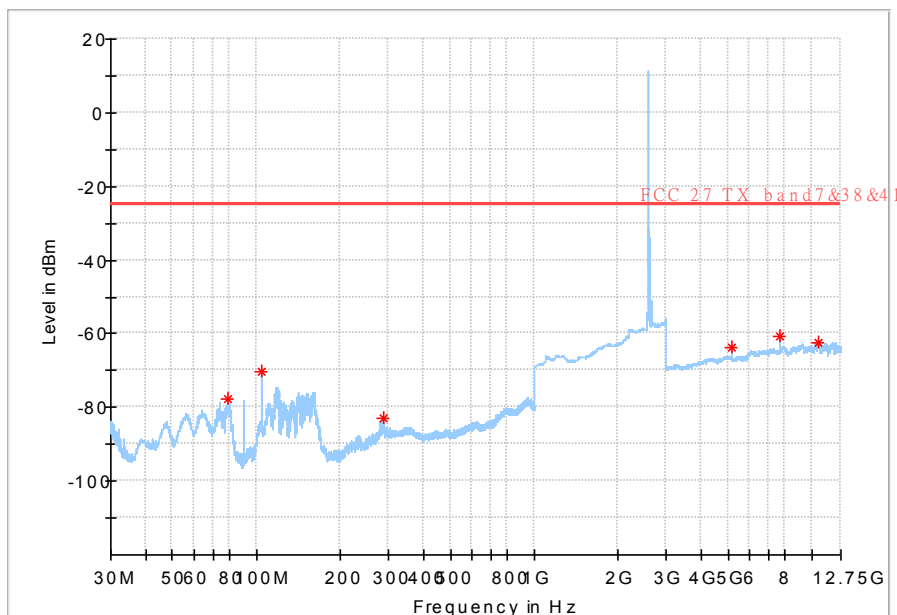
Full Spectrum





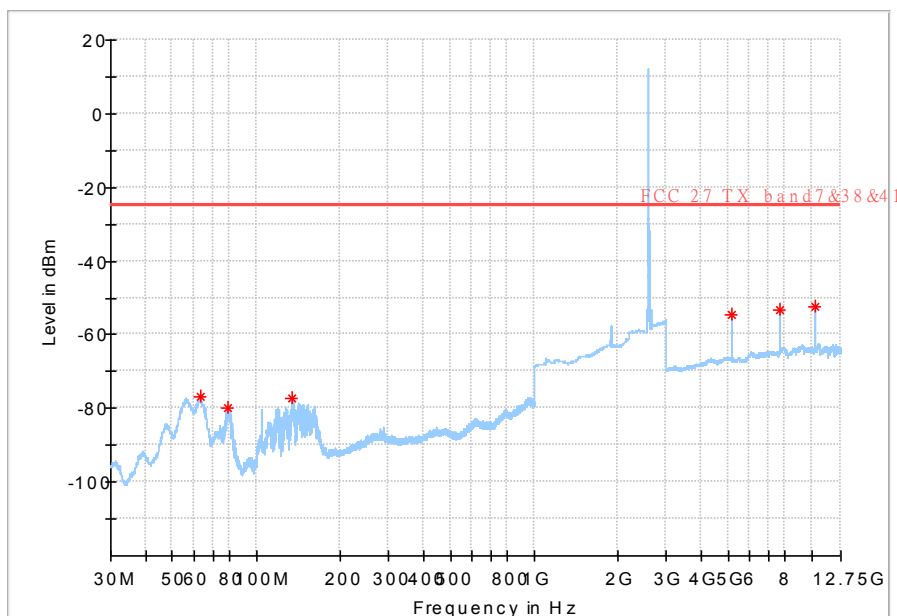
7.1.2.1.3 Test Channel = MCH-Vertical

Full Spectrum



7.1.2.1.4 Test Channel = MCH-Horizontal

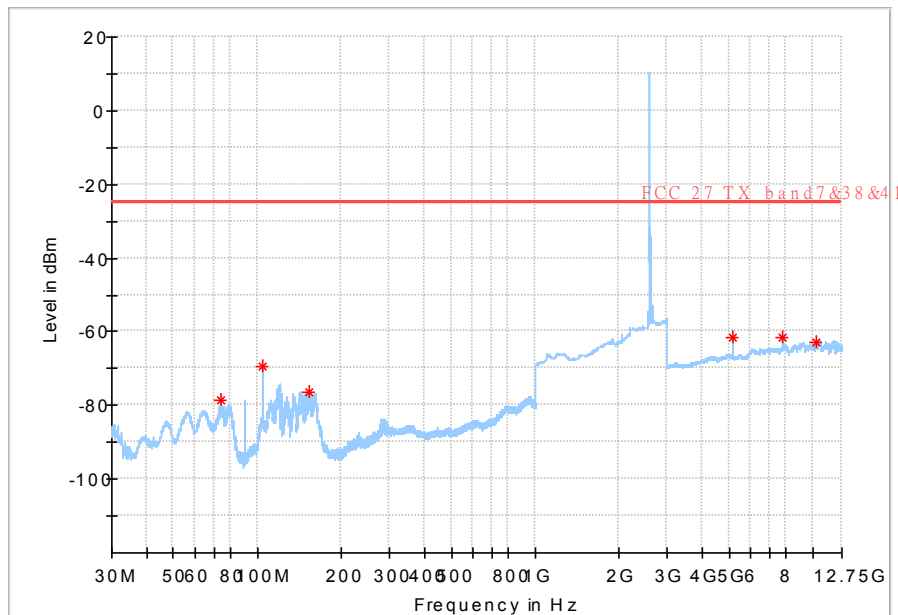
Full Spectrum





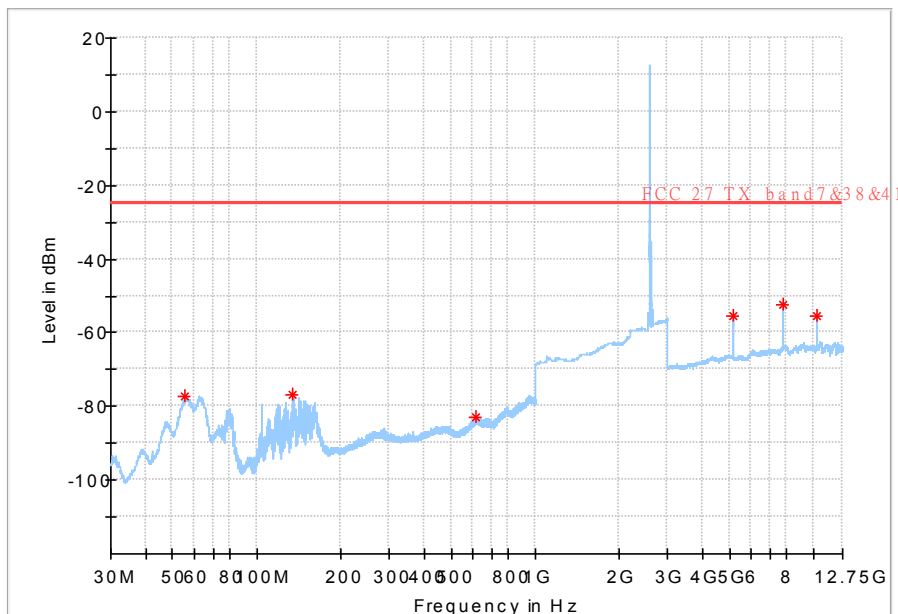
7.1.2.1.5 Test Channel = HCH-Vertical

Full Spectrum



7.1.2.1.6 Test Channel = HCH-Horizontal

Full Spectrum



NOTE:

- 1) The disturbance above 13GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.
- 2) We have tested all combinations and all modulations, but only the worst case data presented in this report.



8 Frequency Stability

8.1 Frequency Error VS. Voltage

Test Band	Test Mode	Test Channel	RB Config	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
CA_38C	QPSK	37850-38048	100RB@0/100RB@0	TN	NV	11.06	0.004286	PASS
CA_38C	QPSK	37901-38099	100RB@0/100RB@0	TN	NV	-2.18	-0.000845	PASS
CA_38C	QPSK	37952-38150	100RB@0/100RB@0	TN	NV	-11.58	-0.004470	PASS
CA_38C	QPSK	38048-37850	100RB@0/100RB@0	TN	NV	-15.89	-0.006111	PASS
CA_38C	QPSK	38099-37901	100RB@0/100RB@0	TN	NV	-13.50	-0.005181	PASS
CA_38C	QPSK	38150-37952	100RB@0/100RB@0	TN	NV	-9.92	-0.003802	PASS
CA_38C	16QAM	37850-38048	100RB@0/100RB@0	TN	NV	-2.36	-0.000916	PASS
CA_38C	16QAM	37901-38099	100RB@0/100RB@0	TN	NV	5.25	0.002029	PASS
CA_38C	16QAM	37952-38150	100RB@0/100RB@0	TN	NV	-4.86	-0.001875	PASS
CA_38C	16QAM	38048-37850	100RB@0/100RB@0	TN	NV	-6.68	-0.002568	PASS
CA_38C	16QAM	38099-37901	100RB@0/100RB@0	TN	NV	8.57	0.003290	PASS
CA_38C	16QAM	38150-37952	100RB@0/100RB@0	TN	NV	0.53	0.000201	PASS
CA_38C	64QAM	37850-38048	100RB@0/100RB@0	TN	NV	1.24	0.000482	PASS
CA_38C	64QAM	37901-38099	100RB@0/100RB@0	TN	NV	-11.32	-0.004378	PASS
CA_38C	64QAM	37952-38150	100RB@0/100RB@0	TN	NV	-12.68	-0.004894	PASS
CA_38C	64QAM	38048-37850	100RB@0/100RB@0	TN	NV	-5.80	-0.002230	PASS
CA_38C	64QAM	38099-37901	100RB@0/100RB@0	TN	NV	-8.42	-0.003232	PASS
CA_38C	64QAM	38150-37952	100RB@0/100RB@0	TN	NV	12.71	0.004869	PASS

8.2 Frequency Error VS. Temperature

Test Band	Test Mode	Test Channel	RB Config	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
CA_38C	QPSK	37850-38048	100RB@0/100RB@0	NV	-30	13.44	0.005208	PASS
CA_38C	QPSK	37850-38048	100RB@0/100RB@0	NV	-20	14.23	0.005514	PASS
CA_38C	QPSK	37850-38048	100RB@0/100RB@0	NV	-10	-5.94	-0.002302	PASS
CA_38C	QPSK	37850-38048	100RB@0/100RB@0	NV	0	9.80	0.003798	PASS
CA_38C	QPSK	37850-38048	100RB@0/100RB@0	NV	10	10.96	0.004247	PASS
CA_38C	QPSK	37850-38048	100RB@0/100RB@0	NV	20	5.78	0.002239	PASS
CA_38C	QPSK	37850-38048	100RB@0/100RB@0	NV	30	6.03	0.002337	PASS
CA_38C	QPSK	37850-38048	100RB@0/100RB@0	NV	40	-4.46	-0.001728	PASS
CA_38C	QPSK	37850-38048	100RB@0/100RB@0	NV	50	-8.02	-0.003107	PASS
CA_38C	QPSK	37901-38099	100RB@0/100RB@0	NV	-30	-11.12	-0.004302	PASS
CA_38C	QPSK	37901-38099	100RB@0/100RB@0	NV	-20	6.05	0.002342	PASS
CA_38C	QPSK	37901-38099	100RB@0/100RB@0	NV	-10	2.34	0.000904	PASS
CA_38C	QPSK	37901-38099	100RB@0/100RB@0	NV	0	-0.89	-0.000344	PASS
CA_38C	QPSK	37901-38099	100RB@0/100RB@0	NV	10	14.45	0.005591	PASS
CA_38C	QPSK	37901-38099	100RB@0/100RB@0	NV	20	9.68	0.003746	PASS
CA_38C	QPSK	37901-38099	100RB@0/100RB@0	NV	30	-3.04	-0.001176	PASS
CA_38C	QPSK	37901-38099	100RB@0/100RB@0	NV	40	-4.08	-0.001577	PASS
CA_38C	QPSK	37901-38099	100RB@0/100RB@0	NV	50	1.50	0.000581	PASS
CA_38C	QPSK	37952-38150	100RB@0/100RB@0	NV	-30	-0.15	-0.000057	PASS



CA_38C	QPSK	37952-38150	100RB@0/100RB@0	NV	-20	9.74	0.003760	PASS
CA_38C	QPSK	37952-38150	100RB@0/100RB@0	NV	-10	-9.59	-0.003701	PASS
CA_38C	QPSK	37952-38150	100RB@0/100RB@0	NV	0	8.54	0.003297	PASS
CA_38C	QPSK	37952-38150	100RB@0/100RB@0	NV	10	-12.31	-0.004754	PASS
CA_38C	QPSK	37952-38150	100RB@0/100RB@0	NV	20	-5.99	-0.002314	PASS
CA_38C	QPSK	37952-38150	100RB@0/100RB@0	NV	30	-7.25	-0.002799	PASS
CA_38C	QPSK	37952-38150	100RB@0/100RB@0	NV	40	8.26	0.003188	PASS
CA_38C	QPSK	37952-38150	100RB@0/100RB@0	NV	50	-0.72	-0.000278	PASS
CA_38C	QPSK	38048-37850	100RB@0/100RB@0	NV	-30	-11.16	-0.004292	PASS
CA_38C	QPSK	38048-37850	100RB@0/100RB@0	NV	-20	-6.43	-0.002472	PASS
CA_38C	QPSK	38048-37850	100RB@0/100RB@0	NV	-10	1.27	0.000490	PASS
CA_38C	QPSK	38048-37850	100RB@0/100RB@0	NV	0	4.64	0.001785	PASS
CA_38C	QPSK	38048-37850	100RB@0/100RB@0	NV	10	6.91	0.002659	PASS
CA_38C	QPSK	38048-37850	100RB@0/100RB@0	NV	20	7.30	0.002808	PASS
CA_38C	QPSK	38048-37850	100RB@0/100RB@0	NV	30	4.63	0.001780	PASS
CA_38C	QPSK	38048-37850	100RB@0/100RB@0	NV	40	15.17	0.005836	PASS
CA_38C	QPSK	38048-37850	100RB@0/100RB@0	NV	50	-1.11	-0.000426	PASS
CA_38C	QPSK	38099-37901	100RB@0/100RB@0	NV	-30	12.75	0.004893	PASS
CA_38C	QPSK	38099-37901	100RB@0/100RB@0	NV	-20	-1.31	-0.000501	PASS
CA_38C	QPSK	38099-37901	100RB@0/100RB@0	NV	-10	13.34	0.005121	PASS
CA_38C	QPSK	38099-37901	100RB@0/100RB@0	NV	0	9.67	0.003711	PASS
CA_38C	QPSK	38099-37901	100RB@0/100RB@0	NV	10	-11.28	-0.004332	PASS
CA_38C	QPSK	38099-37901	100RB@0/100RB@0	NV	20	-9.22	-0.003539	PASS
CA_38C	QPSK	38099-37901	100RB@0/100RB@0	NV	30	15.16	0.005821	PASS
CA_38C	QPSK	38099-37901	100RB@0/100RB@0	NV	40	7.06	0.002709	PASS
CA_38C	QPSK	38099-37901	100RB@0/100RB@0	NV	50	-0.46	-0.000176	PASS
CA_38C	QPSK	38150-37952	100RB@0/100RB@0	NV	-30	13.47	0.005162	PASS
CA_38C	QPSK	38150-37952	100RB@0/100RB@0	NV	-20	7.01	0.002688	PASS
CA_38C	QPSK	38150-37952	100RB@0/100RB@0	NV	-10	-11.62	-0.004451	PASS
CA_38C	QPSK	38150-37952	100RB@0/100RB@0	NV	0	-4.06	-0.001557	PASS
CA_38C	QPSK	38150-37952	100RB@0/100RB@0	NV	10	2.58	0.000987	PASS
CA_38C	QPSK	38150-37952	100RB@0/100RB@0	NV	20	-11.06	-0.004238	PASS
CA_38C	QPSK	38150-37952	100RB@0/100RB@0	NV	30	-10.25	-0.003927	PASS
CA_38C	QPSK	38150-37952	100RB@0/100RB@0	NV	40	10.59	0.004059	PASS
CA_38C	QPSK	38150-37952	100RB@0/100RB@0	NV	50	-10.74	-0.004117	PASS
CA_38C	16QAM	37850-38048	100RB@0/100RB@0	NV	-30	-14.01	-0.005431	PASS
CA_38C	16QAM	37850-38048	100RB@0/100RB@0	NV	-20	-8.70	-0.003372	PASS
CA_38C	16QAM	37850-38048	100RB@0/100RB@0	NV	-10	-12.28	-0.004761	PASS
CA_38C	16QAM	37850-38048	100RB@0/100RB@0	NV	0	0.39	0.000152	PASS
CA_38C	16QAM	37850-38048	100RB@0/100RB@0	NV	10	-12.62	-0.004893	PASS
CA_38C	16QAM	37850-38048	100RB@0/100RB@0	NV	20	12.61	0.004889	PASS
CA_38C	16QAM	37850-38048	100RB@0/100RB@0	NV	30	6.81	0.002641	PASS
CA_38C	16QAM	37850-38048	100RB@0/100RB@0	NV	40	15.68	0.006079	PASS
CA_38C	16QAM	37850-38048	100RB@0/100RB@0	NV	50	7.77	0.003010	PASS
CA_38C	16QAM	37901-38099	100RB@0/100RB@0	NV	-30	8.23	0.003185	PASS
CA_38C	16QAM	37901-38099	100RB@0/100RB@0	NV	-20	7.44	0.002878	PASS
CA_38C	16QAM	37901-38099	100RB@0/100RB@0	NV	-10	-2.34	-0.000904	PASS
CA_38C	16QAM	37901-38099	100RB@0/100RB@0	NV	0	14.73	0.005697	PASS



CA_38C	16QAM	37901-38099	100RB@0/100RB@0	NV	10	11.74	0.004541	PASS
CA_38C	16QAM	37901-38099	100RB@0/100RB@0	NV	20	-11.97	-0.004630	PASS
CA_38C	16QAM	37901-38099	100RB@0/100RB@0	NV	30	14.29	0.005527	PASS
CA_38C	16QAM	37901-38099	100RB@0/100RB@0	NV	40	-12.29	-0.004756	PASS
CA_38C	16QAM	37901-38099	100RB@0/100RB@0	NV	50	13.92	0.005387	PASS
CA_38C	16QAM	37952-38150	100RB@0/100RB@0	NV	-30	7.96	0.003072	PASS
CA_38C	16QAM	37952-38150	100RB@0/100RB@0	NV	-20	-8.13	-0.003140	PASS
CA_38C	16QAM	37952-38150	100RB@0/100RB@0	NV	-10	-12.05	-0.004652	PASS
CA_38C	16QAM	37952-38150	100RB@0/100RB@0	NV	0	5.69	0.002198	PASS
CA_38C	16QAM	37952-38150	100RB@0/100RB@0	NV	10	-0.01	-0.000004	PASS
CA_38C	16QAM	37952-38150	100RB@0/100RB@0	NV	20	1.61	0.000623	PASS
CA_38C	16QAM	37952-38150	100RB@0/100RB@0	NV	30	10.70	0.004131	PASS
CA_38C	16QAM	37952-38150	100RB@0/100RB@0	NV	40	0.57	0.000218	PASS
CA_38C	16QAM	37952-38150	100RB@0/100RB@0	NV	50	-13.04	-0.005034	PASS
CA_38C	16QAM	38048-37850	100RB@0/100RB@0	NV	-30	-0.95	-0.000366	PASS
CA_38C	16QAM	38048-37850	100RB@0/100RB@0	NV	-20	1.75	0.000674	PASS
CA_38C	16QAM	38048-37850	100RB@0/100RB@0	NV	-10	-9.95	-0.003828	PASS
CA_38C	16QAM	38048-37850	100RB@0/100RB@0	NV	0	8.73	0.003359	PASS
CA_38C	16QAM	38048-37850	100RB@0/100RB@0	NV	10	-5.91	-0.002272	PASS
CA_38C	16QAM	38048-37850	100RB@0/100RB@0	NV	20	-1.08	-0.000417	PASS
CA_38C	16QAM	38048-37850	100RB@0/100RB@0	NV	30	6.78	0.002607	PASS
CA_38C	16QAM	38048-37850	100RB@0/100RB@0	NV	40	4.03	0.001549	PASS
CA_38C	16QAM	38048-37850	100RB@0/100RB@0	NV	50	4.42	0.001701	PASS
CA_38C	16QAM	38099-37901	100RB@0/100RB@0	NV	-30	13.82	0.005304	PASS
CA_38C	16QAM	38099-37901	100RB@0/100RB@0	NV	-20	15.48	0.005942	PASS
CA_38C	16QAM	38099-37901	100RB@0/100RB@0	NV	-10	10.54	0.004045	PASS
CA_38C	16QAM	38099-37901	100RB@0/100RB@0	NV	0	4.86	0.001867	PASS
CA_38C	16QAM	38099-37901	100RB@0/100RB@0	NV	10	-9.51	-0.003652	PASS
CA_38C	16QAM	38099-37901	100RB@0/100RB@0	NV	20	3.27	0.001254	PASS
CA_38C	16QAM	38099-37901	100RB@0/100RB@0	NV	30	-13.03	-0.005000	PASS
CA_38C	16QAM	38099-37901	100RB@0/100RB@0	NV	40	-12.46	-0.004785	PASS
CA_38C	16QAM	38099-37901	100RB@0/100RB@0	NV	50	-0.52	-0.000199	PASS
CA_38C	16QAM	38150-37952	100RB@0/100RB@0	NV	-30	13.51	0.005177	PASS
CA_38C	16QAM	38150-37952	100RB@0/100RB@0	NV	-20	-0.57	-0.000217	PASS
CA_38C	16QAM	38150-37952	100RB@0/100RB@0	NV	-10	-3.78	-0.001446	PASS
CA_38C	16QAM	38150-37952	100RB@0/100RB@0	NV	0	3.64	0.001396	PASS
CA_38C	16QAM	38150-37952	100RB@0/100RB@0	NV	10	-9.18	-0.003518	PASS
CA_38C	16QAM	38150-37952	100RB@0/100RB@0	NV	20	5.31	0.002036	PASS
CA_38C	16QAM	38150-37952	100RB@0/100RB@0	NV	30	-2.53	-0.000968	PASS
CA_38C	16QAM	38150-37952	100RB@0/100RB@0	NV	40	-1.09	-0.000416	PASS
CA_38C	16QAM	38150-37952	100RB@0/100RB@0	NV	50	-2.12	-0.000811	PASS
CA_38C	64QAM	37850-38048	100RB@0/100RB@0	NV	-30	8.50	0.003296	PASS
CA_38C	64QAM	37850-38048	100RB@0/100RB@0	NV	-20	-0.18	-0.000069	PASS
CA_38C	64QAM	37850-38048	100RB@0/100RB@0	NV	-10	0.98	0.000381	PASS
CA_38C	64QAM	37850-38048	100RB@0/100RB@0	NV	0	-8.64	-0.003348	PASS
CA_38C	64QAM	37850-38048	100RB@0/100RB@0	NV	10	3.91	0.001516	PASS
CA_38C	64QAM	37850-38048	100RB@0/100RB@0	NV	20	-14.60	-0.005658	PASS
CA_38C	64QAM	37850-38048	100RB@0/100RB@0	NV	30	-7.66	-0.002967	PASS



CA_38C	64QAM	37850-38048	100RB@0/100RB@0	NV	40	10.11	0.003917	PASS
CA_38C	64QAM	37850-38048	100RB@0/100RB@0	NV	50	12.31	0.004770	PASS
CA_38C	64QAM	37901-38099	100RB@0/100RB@0	NV	-30	-9.09	-0.003518	PASS
CA_38C	64QAM	37901-38099	100RB@0/100RB@0	NV	-20	3.35	0.001296	PASS
CA_38C	64QAM	37901-38099	100RB@0/100RB@0	NV	-10	-10.97	-0.004244	PASS
CA_38C	64QAM	37901-38099	100RB@0/100RB@0	NV	0	-1.67	-0.000645	PASS
CA_38C	64QAM	37901-38099	100RB@0/100RB@0	NV	10	6.73	0.002604	PASS
CA_38C	64QAM	37901-38099	100RB@0/100RB@0	NV	20	-11.95	-0.004621	PASS
CA_38C	64QAM	37901-38099	100RB@0/100RB@0	NV	30	13.63	0.005271	PASS
CA_38C	64QAM	37901-38099	100RB@0/100RB@0	NV	40	0.59	0.000229	PASS
CA_38C	64QAM	37901-38099	100RB@0/100RB@0	NV	50	8.48	0.003279	PASS
CA_38C	64QAM	37952-38150	100RB@0/100RB@0	NV	-30	7.04	0.002719	PASS
CA_38C	64QAM	37952-38150	100RB@0/100RB@0	NV	-20	-4.67	-0.001801	PASS
CA_38C	64QAM	37952-38150	100RB@0/100RB@0	NV	-10	12.49	0.004822	PASS
CA_38C	64QAM	37952-38150	100RB@0/100RB@0	NV	0	-4.93	-0.001903	PASS
CA_38C	64QAM	37952-38150	100RB@0/100RB@0	NV	10	5.91	0.002281	PASS
CA_38C	64QAM	37952-38150	100RB@0/100RB@0	NV	20	-3.48	-0.001342	PASS
CA_38C	64QAM	37952-38150	100RB@0/100RB@0	NV	30	-2.51	-0.000969	PASS
CA_38C	64QAM	37952-38150	100RB@0/100RB@0	NV	40	-14.74	-0.005690	PASS
CA_38C	64QAM	37952-38150	100RB@0/100RB@0	NV	50	2.96	0.001143	PASS
CA_38C	64QAM	38048-37850	100RB@0/100RB@0	NV	-30	3.47	0.001334	PASS
CA_38C	64QAM	38048-37850	100RB@0/100RB@0	NV	-20	-9.80	-0.003769	PASS
CA_38C	64QAM	38048-37850	100RB@0/100RB@0	NV	-10	-2.57	-0.000987	PASS
CA_38C	64QAM	38048-37850	100RB@0/100RB@0	NV	0	2.56	0.000983	PASS
CA_38C	64QAM	38048-37850	100RB@0/100RB@0	NV	10	-13.57	-0.005218	PASS
CA_38C	64QAM	38048-37850	100RB@0/100RB@0	NV	20	2.46	0.000948	PASS
CA_38C	64QAM	38048-37850	100RB@0/100RB@0	NV	30	4.82	0.001856	PASS
CA_38C	64QAM	38048-37850	100RB@0/100RB@0	NV	40	3.66	0.001407	PASS
CA_38C	64QAM	38048-37850	100RB@0/100RB@0	NV	50	-11.27	-0.004335	PASS
CA_38C	64QAM	38099-37901	100RB@0/100RB@0	NV	-30	5.68	0.002180	PASS
CA_38C	64QAM	38099-37901	100RB@0/100RB@0	NV	-20	15.02	0.005765	PASS
CA_38C	64QAM	38099-37901	100RB@0/100RB@0	NV	-10	-5.80	-0.002228	PASS
CA_38C	64QAM	38099-37901	100RB@0/100RB@0	NV	0	-1.46	-0.000559	PASS
CA_38C	64QAM	38099-37901	100RB@0/100RB@0	NV	10	4.19	0.001609	PASS
CA_38C	64QAM	38099-37901	100RB@0/100RB@0	NV	20	-2.30	-0.000883	PASS
CA_38C	64QAM	38099-37901	100RB@0/100RB@0	NV	30	-3.93	-0.001507	PASS
CA_38C	64QAM	38099-37901	100RB@0/100RB@0	NV	40	9.51	0.003651	PASS
CA_38C	64QAM	38099-37901	100RB@0/100RB@0	NV	50	11.74	0.004506	PASS
CA_38C	64QAM	38150-37952	100RB@0/100RB@0	NV	-30	0.41	0.000157	PASS
CA_38C	64QAM	38150-37952	100RB@0/100RB@0	NV	-20	-15.72	-0.006021	PASS
CA_38C	64QAM	38150-37952	100RB@0/100RB@0	NV	-10	13.61	0.005213	PASS
CA_38C	64QAM	38150-37952	100RB@0/100RB@0	NV	0	-3.34	-0.001280	PASS
CA_38C	64QAM	38150-37952	100RB@0/100RB@0	NV	10	11.74	0.004496	PASS
CA_38C	64QAM	38150-37952	100RB@0/100RB@0	NV	20	11.58	0.004436	PASS
CA_38C	64QAM	38150-37952	100RB@0/100RB@0	NV	30	12.84	0.004921	PASS
CA_38C	64QAM	38150-37952	100RB@0/100RB@0	NV	40	-4.59	-0.001758	PASS
CA_38C	64QAM	38150-37952	100RB@0/100RB@0	NV	50	-2.88	-0.001105	PASS