



Appendix B

E-UTRA Band 17



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CONTENT

1	EFFECTIVE (ISOTROPIC) RADIATED POWER	4
1.1.	TEST RESULT	4
2.	PEAK-TO-AVERAGE RATIO (CCDF)	14
2.1.	TEST RESULT	14
2.2.	TEST PLOTS.....	15
3.	MODULATION CHARACTERISTICS	21
3.1.	TEST MODE = LTE /TM1 10MHZ.....	21
3.1.1.	TEST CHANNEL = MCH.....	21
3.2.	TEST MODE = LTE /TM2 10MHZ.....	22
3.2.1.	TEST CHANNEL = MCH.....	22
3.3.	TEST MODE = LTE /TM3 10MHZ.....	23
3.3.1.	TEST CHANNEL = MCH.....	23
3.4.	TEST MODE = LTE /TM4 10MHZ.....	24
3.4.1.	TEST CHANNEL = MCH.....	24
4.	26DB BANDWIDTH AND OCCUPIED BANDWIDTH	25
4.1.	TEST RESULT	25
4.2.	TEST PLOTS.....	26
5.	BAND EDGE COMPLIANCE	38
5.1.	TEST PLOTS.....	38
6.	SPURIOUS EMISSION AT ANTENNA TERMINAL	55
6.1.	TEST PLOTS.....	55
7.	FIELD STRENGTH OF SPURIOUS RADIATION.....	68
7.1.	Test Band = LTE_17 _TM1 ANT10.....	68
7.1.1.	Test Channel = Low Channel	68
7.2.	Test Band = LTE_17 _TM1 ANT10.....	69
7.2.1.	Test Channel = Low Channel	69
7.3.	Test Band = LTE_17 _TM1 ANT10.....	70
7.3.1.	Test Channel = Mid Channel	70
7.4.	Test Band = LTE_17 _TM1 ANT10.....	71
7.4.1.	Test Channel = Mid Channel	71



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7.5.	Test Band = LTE_17_TM1 ANT10.....	72
7.5.1.	Test Channel = High Channel	72
7.6.	Test Band = LTE_17_TM1 ANT10.....	73
7.6.1.	Test Channel = High Channel	73
8.	FREQUENCY STABILITY	74
8.1.	FREQUENCY VS VOLTAGE	74
8.2.	FREQUENCY VS TEMPERATURE	75



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

ANT10:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	24.87	14.92	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#12	25.03	15.08	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#24	25.16	15.21	34.77	PASS
Band17	5MHz	QPSK	23755	12RB#0	23.95	14.00	34.77	PASS
Band17	5MHz	QPSK	23755	12RB#6	24.08	14.13	34.77	PASS
Band17	5MHz	QPSK	23755	12RB#13	24.03	14.08	34.77	PASS
Band17	5MHz	QPSK	23755	25RB#0	24.04	14.09	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#0	24.91	14.96	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#12	24.98	15.03	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#24	24.99	15.04	34.77	PASS
Band17	5MHz	QPSK	23790	12RB#0	23.97	14.02	34.77	PASS
Band17	5MHz	QPSK	23790	12RB#6	24.00	14.05	34.77	PASS
Band17	5MHz	QPSK	23790	12RB#13	24.09	14.14	34.77	PASS
Band17	5MHz	QPSK	23790	25RB#0	24.02	14.07	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#0	24.91	14.96	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#12	24.93	14.98	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#24	25.04	15.09	34.77	PASS
Band17	5MHz	QPSK	23825	12RB#0	23.91	13.96	34.77	PASS
Band17	5MHz	QPSK	23825	12RB#6	24.03	14.08	34.77	PASS
Band17	5MHz	QPSK	23825	12RB#13	24.02	14.07	34.77	PASS
Band17	5MHz	QPSK	23825	25RB#0	24.02	14.07	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#0	23.96	14.01	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#12	24.06	14.11	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#24	24.30	14.35	34.77	PASS
Band17	5MHz	16QAM	23755	12RB#0	22.91	12.96	34.77	PASS
Band17	5MHz	16QAM	23755	12RB#6	23.06	13.11	34.77	PASS
Band17	5MHz	16QAM	23755	12RB#13	22.97	13.02	34.77	PASS
Band17	5MHz	16QAM	23755	25RB#0	23.07	13.12	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#0	24.29	14.34	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#12	24.47	14.52	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#24	24.06	14.11	34.77	PASS



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Band17	5MHz	16QAM	23790	12RB#0	22.98	13.03	34.77	PASS
Band17	5MHz	16QAM	23790	12RB#6	22.98	13.03	34.77	PASS
Band17	5MHz	16QAM	23790	12RB#13	23.10	13.15	34.77	PASS
Band17	5MHz	16QAM	23790	25RB#0	23.01	13.06	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#0	24.05	14.10	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#12	23.83	13.88	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#24	24.27	14.32	34.77	PASS
Band17	5MHz	16QAM	23825	12RB#0	23.02	13.07	34.77	PASS
Band17	5MHz	16QAM	23825	12RB#6	23.11	13.16	34.77	PASS
Band17	5MHz	16QAM	23825	12RB#13	23.04	13.09	34.77	PASS
Band17	5MHz	16QAM	23825	25RB#0	23.01	13.06	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#0	22.84	12.89	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#12	22.81	12.86	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#24	22.79	12.84	34.77	PASS
Band17	5MHz	64QAM	23755	12RB#0	21.53	11.58	34.77	PASS
Band17	5MHz	64QAM	23755	12RB#6	21.55	11.60	34.77	PASS
Band17	5MHz	64QAM	23755	12RB#13	21.37	11.42	34.77	PASS
Band17	5MHz	64QAM	23755	25RB#0	21.28	11.33	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#0	22.79	12.84	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#12	22.64	12.69	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#24	22.63	12.68	34.77	PASS
Band17	5MHz	64QAM	23790	12RB#0	21.41	11.46	34.77	PASS
Band17	5MHz	64QAM	23790	12RB#6	21.38	11.43	34.77	PASS
Band17	5MHz	64QAM	23790	12RB#13	21.39	11.44	34.77	PASS
Band17	5MHz	64QAM	23790	25RB#0	21.57	11.62	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#0	22.75	12.80	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#12	22.62	12.67	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#24	22.87	12.92	34.77	PASS
Band17	5MHz	64QAM	23825	12RB#0	21.38	11.43	34.77	PASS
Band17	5MHz	64QAM	23825	12RB#6	21.25	11.30	34.77	PASS
Band17	5MHz	64QAM	23825	12RB#13	21.55	11.60	34.77	PASS
Band17	5MHz	64QAM	23825	25RB#0	21.37	11.42	34.77	PASS
Band17	5MHz	256QAM	23755	1RB#0	20.63	10.68	34.77	PASS
Band17	5MHz	256QAM	23755	1RB#12	20.24	10.29	34.77	PASS
Band17	5MHz	256QAM	23755	1RB#24	20.42	10.47	34.77	PASS
Band17	5MHz	256QAM	23755	12RB#0	20.47	10.52	34.77	PASS
Band17	5MHz	256QAM	23755	12RB#6	20.56	10.61	34.77	PASS
Band17	5MHz	256QAM	23755	12RB#13	20.58	10.63	34.77	PASS



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Band17	5MHz	256QAM	23755	25RB#0	20.21	10.26	34.77	PASS
Band17	5MHz	256QAM	23790	1RB#0	20.45	10.50	34.77	PASS
Band17	5MHz	256QAM	23790	1RB#12	20.35	10.40	34.77	PASS
Band17	5MHz	256QAM	23790	1RB#24	20.27	10.32	34.77	PASS
Band17	5MHz	256QAM	23790	12RB#0	20.56	10.61	34.77	PASS
Band17	5MHz	256QAM	23790	12RB#6	20.3	10.35	34.77	PASS
Band17	5MHz	256QAM	23790	12RB#13	20.32	10.37	34.77	PASS
Band17	5MHz	256QAM	23790	25RB#0	20.23	10.28	34.77	PASS
Band17	5MHz	256QAM	23825	1RB#0	20.64	10.69	34.77	PASS
Band17	5MHz	256QAM	23825	1RB#12	20.31	10.36	34.77	PASS
Band17	5MHz	256QAM	23825	1RB#24	20.20	10.25	34.77	PASS
Band17	5MHz	256QAM	23825	12RB#0	20.51	10.56	34.77	PASS
Band17	5MHz	256QAM	23825	12RB#6	20.33	10.38	34.77	PASS
Band17	5MHz	256QAM	23825	12RB#13	20.50	10.55	34.77	PASS
Band17	5MHz	256QAM	23825	25RB#0	20.49	10.54	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#0	24.82	14.87	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#24	24.94	14.99	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#49	24.98	15.03	34.77	PASS
Band17	10MHz	QPSK	23780	25RB#0	23.90	13.95	34.77	PASS
Band17	10MHz	QPSK	23780	25RB#12	24.05	14.10	34.77	PASS
Band17	10MHz	QPSK	23780	25RB#25	24.17	14.22	34.77	PASS
Band17	10MHz	QPSK	23780	50RB#0	24.03	14.08	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#0	24.76	14.81	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#24	24.66	14.71	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#49	24.88	14.93	34.77	PASS
Band17	10MHz	QPSK	23790	25RB#0	23.90	13.95	34.77	PASS
Band17	10MHz	QPSK	23790	25RB#12	24.01	14.06	34.77	PASS
Band17	10MHz	QPSK	23790	25RB#25	24.06	14.11	34.77	PASS
Band17	10MHz	QPSK	23790	50RB#0	23.96	14.01	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#0	24.94	14.99	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#24	24.78	14.83	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#49	24.85	14.90	34.77	PASS
Band17	10MHz	QPSK	23800	25RB#0	23.97	14.02	34.77	PASS
Band17	10MHz	QPSK	23800	25RB#12	24.10	14.15	34.77	PASS
Band17	10MHz	QPSK	23800	25RB#25	24.08	14.13	34.77	PASS
Band17	10MHz	QPSK	23800	50RB#0	23.97	14.02	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#0	24.41	14.46	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#24	24.39	14.44	34.77	PASS





Band17	10MHz	16QAM	23780	1RB#49	24.16	14.21	34.77	PASS
Band17	10MHz	16QAM	23780	25RB#0	22.92	12.97	34.77	PASS
Band17	10MHz	16QAM	23780	25RB#12	23.12	13.17	34.77	PASS
Band17	10MHz	16QAM	23780	25RB#25	23.16	13.21	34.77	PASS
Band17	10MHz	16QAM	23780	50RB#0	23.09	13.14	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#0	24.43	14.48	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#24	24.45	14.50	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#49	24.36	14.41	34.77	PASS
Band17	10MHz	16QAM	23790	25RB#0	22.94	12.99	34.77	PASS
Band17	10MHz	16QAM	23790	25RB#12	22.99	13.04	34.77	PASS
Band17	10MHz	16QAM	23790	25RB#25	23.14	13.19	34.77	PASS
Band17	10MHz	16QAM	23790	50RB#0	23.01	13.06	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#0	24.42	14.47	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#24	24.49	14.54	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#49	24.24	14.29	34.77	PASS
Band17	10MHz	16QAM	23800	25RB#0	22.97	13.02	34.77	PASS
Band17	10MHz	16QAM	23800	25RB#12	23.06	13.11	34.77	PASS
Band17	10MHz	16QAM	23800	25RB#25	22.97	13.02	34.77	PASS
Band17	10MHz	16QAM	23800	50RB#0	22.96	13.01	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#0	22.87	12.92	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#24	22.83	12.88	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#49	22.85	12.90	34.77	PASS
Band17	10MHz	64QAM	23780	25RB#0	21.37	11.42	34.77	PASS
Band17	10MHz	64QAM	23780	25RB#12	21.46	11.51	34.77	PASS
Band17	10MHz	64QAM	23780	25RB#25	21.46	11.51	34.77	PASS
Band17	10MHz	64QAM	23780	50RB#0	21.52	11.57	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#0	22.79	12.84	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#24	22.77	12.82	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#49	22.59	12.64	34.77	PASS
Band17	10MHz	64QAM	23790	25RB#0	21.33	11.38	34.77	PASS
Band17	10MHz	64QAM	23790	25RB#12	21.46	11.51	34.77	PASS
Band17	10MHz	64QAM	23790	25RB#25	21.27	11.32	34.77	PASS
Band17	10MHz	64QAM	23790	50RB#0	21.40	11.45	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#0	22.85	12.90	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#24	22.66	12.71	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#49	22.56	12.61	34.77	PASS
Band17	10MHz	64QAM	23800	25RB#0	21.46	11.51	34.77	PASS
Band17	10MHz	64QAM	23800	25RB#12	21.40	11.45	34.77	PASS



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Band17	10MHz	64QAM	23800	25RB#25	21.57	11.62	34.77	PASS
Band17	10MHz	64QAM	23800	50RB#0	21.37	11.42	34.77	PASS
Band17	10MHz	256QAM	23780	1RB#0	20.51	10.56	34.77	PASS
Band17	10MHz	256QAM	23780	1RB#24	20.36	10.41	34.77	PASS
Band17	10MHz	256QAM	23780	1RB#49	20.34	10.39	34.77	PASS
Band17	10MHz	256QAM	23780	25RB#0	20.48	10.53	34.77	PASS
Band17	10MHz	256QAM	23780	25RB#12	20.45	10.50	34.77	PASS
Band17	10MHz	256QAM	23780	25RB#25	20.43	10.48	34.77	PASS
Band17	10MHz	256QAM	23780	50RB#0	20.31	10.36	34.77	PASS
Band17	10MHz	256QAM	23790	1RB#0	20.50	10.55	34.77	PASS
Band17	10MHz	256QAM	23790	1RB#24	20.33	10.38	34.77	PASS
Band17	10MHz	256QAM	23790	1RB#49	20.19	10.24	34.77	PASS
Band17	10MHz	256QAM	23790	25RB#0	20.46	10.51	34.77	PASS
Band17	10MHz	256QAM	23790	25RB#12	20.38	10.43	34.77	PASS
Band17	10MHz	256QAM	23790	25RB#25	20.41	10.46	34.77	PASS
Band17	10MHz	256QAM	23790	50RB#0	20.32	10.37	34.77	PASS
Band17	10MHz	256QAM	23800	1RB#0	20.53	10.58	34.77	PASS
Band17	10MHz	256QAM	23800	1RB#24	20.40	10.45	34.77	PASS
Band17	10MHz	256QAM	23800	1RB#49	20.32	10.37	34.77	PASS
Band17	10MHz	256QAM	23800	25RB#0	20.58	10.63	34.77	PASS
Band17	10MHz	256QAM	23800	25RB#12	20.31	10.36	34.77	PASS
Band17	10MHz	256QAM	23800	25RB#25	20.49	10.54	34.77	PASS
Band17	10MHz	256QAM	23800	50RB#0	20.47	10.52	34.77	PASS



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ANT2:

Band	Bandwidth h	Modulation	Channel	RB Config.	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	24.92	15.47	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#12	24.95	15.50	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#24	24.93	15.48	34.77	PASS
Band17	5MHz	QPSK	23755	12RB#0	23.87	14.42	34.77	PASS
Band17	5MHz	QPSK	23755	12RB#6	23.98	14.53	34.77	PASS
Band17	5MHz	QPSK	23755	12RB#13	23.93	14.48	34.77	PASS
Band17	5MHz	QPSK	23755	25RB#0	23.96	14.51	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#0	24.78	15.33	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#12	24.95	15.50	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#24	24.99	15.54	34.77	PASS
Band17	5MHz	QPSK	23790	12RB#0	23.98	14.53	34.77	PASS
Band17	5MHz	QPSK	23790	12RB#6	23.91	14.46	34.77	PASS
Band17	5MHz	QPSK	23790	12RB#13	23.94	14.49	34.77	PASS
Band17	5MHz	QPSK	23790	25RB#0	23.93	14.48	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#0	24.79	15.34	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#12	24.88	15.43	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#24	25.00	15.55	34.77	PASS
Band17	5MHz	QPSK	23825	12RB#0	23.91	14.46	34.77	PASS
Band17	5MHz	QPSK	23825	12RB#6	24.02	14.57	34.77	PASS
Band17	5MHz	QPSK	23825	12RB#13	24.00	14.55	34.77	PASS
Band17	5MHz	QPSK	23825	25RB#0	23.98	14.53	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#0	24.10	14.65	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#12	23.93	14.48	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#24	24.14	14.69	34.77	PASS
Band17	5MHz	16QAM	23755	12RB#0	22.89	13.44	34.77	PASS
Band17	5MHz	16QAM	23755	12RB#6	23.01	13.56	34.77	PASS
Band17	5MHz	16QAM	23755	12RB#13	23.02	13.57	34.77	PASS
Band17	5MHz	16QAM	23755	25RB#0	22.90	13.45	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#0	23.94	14.49	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#12	24.15	14.70	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#24	24.56	15.11	34.77	PASS
Band17	5MHz	16QAM	23790	12RB#0	23.00	13.55	34.77	PASS
Band17	5MHz	16QAM	23790	12RB#6	22.96	13.51	34.77	PASS
Band17	5MHz	16QAM	23790	12RB#13	23.01	13.56	34.77	PASS
Band17	5MHz	16QAM	23790	25RB#0	22.94	13.49	34.77	PASS



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Band17	5MHz	16QAM	23825	1RB#0	24.40	14.95	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#12	24.44	14.99	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#24	24.04	14.59	34.77	PASS
Band17	5MHz	16QAM	23825	12RB#0	22.87	13.42	34.77	PASS
Band17	5MHz	16QAM	23825	12RB#6	23.04	13.59	34.77	PASS
Band17	5MHz	16QAM	23825	12RB#13	22.95	13.50	34.77	PASS
Band17	5MHz	16QAM	23825	25RB#0	22.89	13.44	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#0	22.60	13.15	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#12	22.78	13.33	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#24	22.80	13.35	34.77	PASS
Band17	5MHz	64QAM	23755	12RB#0	21.30	11.85	34.77	PASS
Band17	5MHz	64QAM	23755	12RB#6	21.51	12.06	34.77	PASS
Band17	5MHz	64QAM	23755	12RB#13	21.34	11.89	34.77	PASS
Band17	5MHz	64QAM	23755	25RB#0	21.26	11.81	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#0	22.63	13.18	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#12	22.81	13.36	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#24	22.87	13.42	34.77	PASS
Band17	5MHz	64QAM	23790	12RB#0	21.48	12.03	34.77	PASS
Band17	5MHz	64QAM	23790	12RB#6	21.24	11.79	34.77	PASS
Band17	5MHz	64QAM	23790	12RB#13	21.48	12.03	34.77	PASS
Band17	5MHz	64QAM	23790	25RB#0	21.51	12.06	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#0	22.81	13.36	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#12	22.82	13.37	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#24	22.74	13.29	34.77	PASS
Band17	5MHz	64QAM	23825	12RB#0	21.55	12.10	34.77	PASS
Band17	5MHz	64QAM	23825	12RB#6	21.37	11.92	34.77	PASS
Band17	5MHz	64QAM	23825	12RB#13	21.39	11.94	34.77	PASS
Band17	5MHz	64QAM	23825	25RB#0	21.43	11.98	34.77	PASS
Band17	5MHz	256QAM	23755	1RB#0	19.8	10.35	34.77	PASS
Band17	5MHz	256QAM	23755	1RB#12	19.76	10.31	34.77	PASS
Band17	5MHz	256QAM	23755	1RB#24	19.83	10.38	34.77	PASS
Band17	5MHz	256QAM	23755	12RB#0	19.97	10.52	34.77	PASS
Band17	5MHz	256QAM	23755	12RB#6	20.11	10.66	34.77	PASS
Band17	5MHz	256QAM	23755	12RB#13	19.94	10.49	34.77	PASS
Band17	5MHz	256QAM	23755	25RB#0	20.06	10.61	34.77	PASS
Band17	5MHz	256QAM	23790	1RB#0	19.91	10.46	34.77	PASS
Band17	5MHz	256QAM	23790	1RB#12	19.89	10.44	34.77	PASS
Band17	5MHz	256QAM	23790	1RB#24	19.94	10.49	34.77	PASS



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Band17	5MHz	256QAM	23790	12RB#0	20.06	10.61	34.77	PASS
Band17	5MHz	256QAM	23790	12RB#6	20.18	10.73	34.77	PASS
Band17	5MHz	256QAM	23790	12RB#13	20.11	10.66	34.77	PASS
Band17	5MHz	256QAM	23790	25RB#0	20.12	10.67	34.77	PASS
Band17	5MHz	256QAM	23825	1RB#0	19.82	10.37	34.77	PASS
Band17	5MHz	256QAM	23825	1RB#12	19.77	10.32	34.77	PASS
Band17	5MHz	256QAM	23825	1RB#24	19.78	10.33	34.77	PASS
Band17	5MHz	256QAM	23825	12RB#0	19.87	10.42	34.77	PASS
Band17	5MHz	256QAM	23825	12RB#6	19.97	10.52	34.77	PASS
Band17	5MHz	256QAM	23825	12RB#13	19.97	10.52	34.77	PASS
Band17	5MHz	256QAM	23825	25RB#0	20.01	10.56	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#0	24.67	15.22	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#24	24.75	15.30	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#49	24.74	15.29	34.77	PASS
Band17	10MHz	QPSK	23780	25RB#0	23.85	14.40	34.77	PASS
Band17	10MHz	QPSK	23780	25RB#12	24.08	14.63	34.77	PASS
Band17	10MHz	QPSK	23780	25RB#25	24.04	14.59	34.77	PASS
Band17	10MHz	QPSK	23780	50RB#0	24.05	14.60	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#0	24.82	15.37	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#24	24.76	15.31	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#49	24.85	15.40	34.77	PASS
Band17	10MHz	QPSK	23790	25RB#0	23.95	14.50	34.77	PASS
Band17	10MHz	QPSK	23790	25RB#12	23.93	14.48	34.77	PASS
Band17	10MHz	QPSK	23790	25RB#25	24.01	14.56	34.77	PASS
Band17	10MHz	QPSK	23790	50RB#0	23.91	14.46	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#0	24.70	15.25	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#24	24.83	15.38	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#49	24.92	15.47	34.77	PASS
Band17	10MHz	QPSK	23800	25RB#0	23.83	14.38	34.77	PASS
Band17	10MHz	QPSK	23800	25RB#12	24.07	14.62	34.77	PASS
Band17	10MHz	QPSK	23800	25RB#25	24.02	14.57	34.77	PASS
Band17	10MHz	QPSK	23800	50RB#0	23.88	14.43	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#0	24.03	14.58	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#24	23.86	14.41	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#49	24.25	14.80	34.77	PASS
Band17	10MHz	16QAM	23780	25RB#0	22.84	13.39	34.77	PASS
Band17	10MHz	16QAM	23780	25RB#12	23.03	13.58	34.77	PASS
Band17	10MHz	16QAM	23780	25RB#25	23.03	13.58	34.77	PASS



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Band17	10MHz	16QAM	23780	50RB#0	22.98	13.53	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#0	24.25	14.80	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#24	24.21	14.76	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#49	24.35	14.90	34.77	PASS
Band17	10MHz	16QAM	23790	25RB#0	22.95	13.50	34.77	PASS
Band17	10MHz	16QAM	23790	25RB#12	23.00	13.55	34.77	PASS
Band17	10MHz	16QAM	23790	25RB#25	22.92	13.47	34.77	PASS
Band17	10MHz	16QAM	23790	50RB#0	22.97	13.52	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#0	24.12	14.67	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#24	24.13	14.68	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#49	24.53	15.08	34.77	PASS
Band17	10MHz	16QAM	23800	25RB#0	22.96	13.51	34.77	PASS
Band17	10MHz	16QAM	23800	25RB#12	23.06	13.61	34.77	PASS
Band17	10MHz	16QAM	23800	25RB#25	22.93	13.48	34.77	PASS
Band17	10MHz	16QAM	23800	50RB#0	22.83	13.38	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#0	22.54	13.09	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#24	22.83	13.38	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#49	22.78	13.33	34.77	PASS
Band17	10MHz	64QAM	23780	25RB#0	21.55	12.10	34.77	PASS
Band17	10MHz	64QAM	23780	25RB#12	21.54	12.09	34.77	PASS
Band17	10MHz	64QAM	23780	25RB#25	21.31	11.86	34.77	PASS
Band17	10MHz	64QAM	23780	50RB#0	21.38	11.93	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#0	22.54	13.09	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#24	22.73	13.28	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#49	22.75	13.30	34.77	PASS
Band17	10MHz	64QAM	23790	25RB#0	21.41	11.96	34.77	PASS
Band17	10MHz	64QAM	23790	25RB#12	21.27	11.82	34.77	PASS
Band17	10MHz	64QAM	23790	25RB#25	21.36	11.91	34.77	PASS
Band17	10MHz	64QAM	23790	50RB#0	21.57	12.12	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#0	22.64	13.19	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#24	22.68	13.23	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#49	22.83	13.38	34.77	PASS
Band17	10MHz	64QAM	23800	25RB#0	21.30	11.85	34.77	PASS
Band17	10MHz	64QAM	23800	25RB#12	21.52	12.07	34.77	PASS
Band17	10MHz	64QAM	23800	25RB#25	21.50	12.05	34.77	PASS
Band17	10MHz	64QAM	23800	50RB#0	21.51	12.06	34.77	PASS
Band17	10MHz	256QAM	23780	1RB#0	19.91	10.46	34.77	PASS
Band17	10MHz	256QAM	23780	1RB#24	19.90	10.45	34.77	PASS



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Band17	10MHz	256QAM	23780	1RB#49	19.92	10.47	34.77	PASS
Band17	10MHz	256QAM	23780	25RB#0	20.05	10.60	34.77	PASS
Band17	10MHz	256QAM	23780	25RB#12	20.19	10.74	34.77	PASS
Band17	10MHz	256QAM	23780	25RB#25	20.06	10.61	34.77	PASS
Band17	10MHz	256QAM	23780	50RB#0	20.15	10.70	34.77	PASS
Band17	10MHz	256QAM	23790	1RB#0	20.04	10.59	34.77	PASS
Band17	10MHz	256QAM	23790	1RB#24	19.99	10.54	34.77	PASS
Band17	10MHz	256QAM	23790	1RB#49	20.04	10.59	34.77	PASS
Band17	10MHz	256QAM	23790	25RB#0	20.14	10.69	34.77	PASS
Band17	10MHz	256QAM	23790	25RB#12	20.27	10.82	34.77	PASS
Band17	10MHz	256QAM	23790	25RB#25	20.21	10.76	34.77	PASS
Band17	10MHz	256QAM	23790	50RB#0	20.24	10.79	34.77	PASS
Band17	10MHz	256QAM	23800	1RB#0	19.90	10.45	34.77	PASS
Band17	10MHz	256QAM	23800	1RB#24	19.91	10.46	34.77	PASS
Band17	10MHz	256QAM	23800	1RB#49	19.90	10.45	34.77	PASS
Band17	10MHz	256QAM	23800	25RB#0	20.01	10.56	34.77	PASS
Band17	10MHz	256QAM	23800	25RB#12	20.12	10.67	34.77	PASS
Band17	10MHz	256QAM	23800	25RB#25	20.07	10.62	34.77	PASS
Band17	10MHz	256QAM	23800	50RB#0	20.14	10.69	34.77	PASS

Remark:

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

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]

The conducted Power is measured by Base Station Simulator



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2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	10MHz	QPSK	23780	50RB#0	4.20	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	4.26	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	4.26	13	PASS
Band17	10MHz	64QAM	23780	50RB#0	6.35	13	PASS
Band17	10MHz	64QAM	23790	50RB#0	6.35	13	PASS
Band17	10MHz	64QAM	23800	50RB#0	6.32	13	PASS
Band17	10MHz	256QAM	23780	50RB#0	6.49	13	PASS
Band17	10MHz	256QAM	23790	50RB#0	6.52	13	PASS
Band17	10MHz	256QAM	23800	50RB#0	6.46	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	5.48	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	5.39	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	5.36	13	PASS



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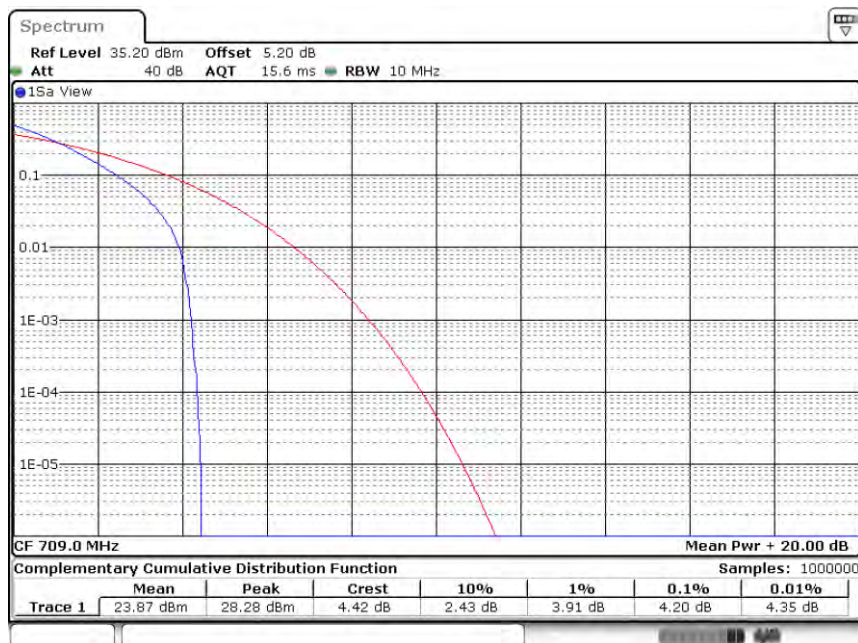
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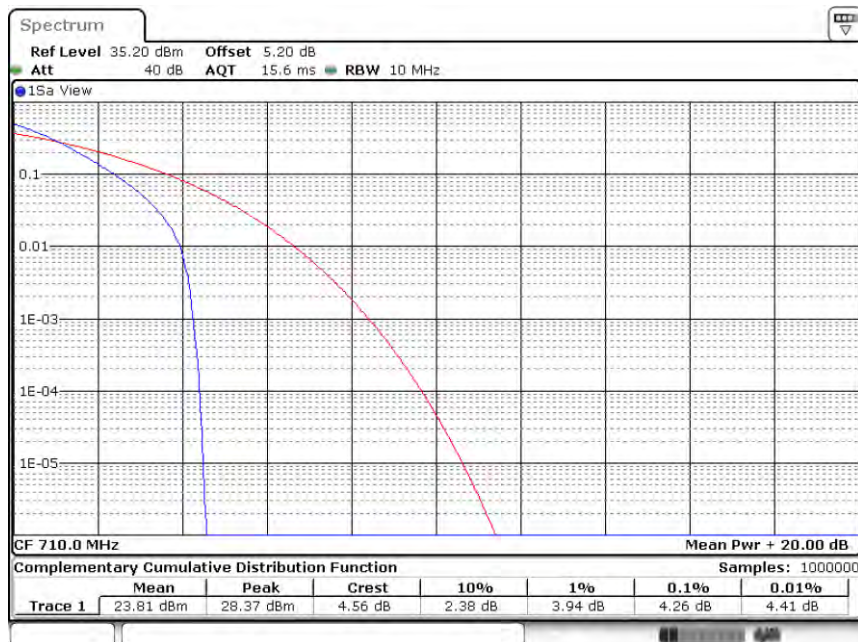
2.2. Test Plots

Band17-10MHz-QPSK-23780-50RB#0



Date: 5.FEB.2021 16:06:45

Band17-10MHz-QPSK-23790-50RB#0



Date: 5.FEB.2021 16:07:08

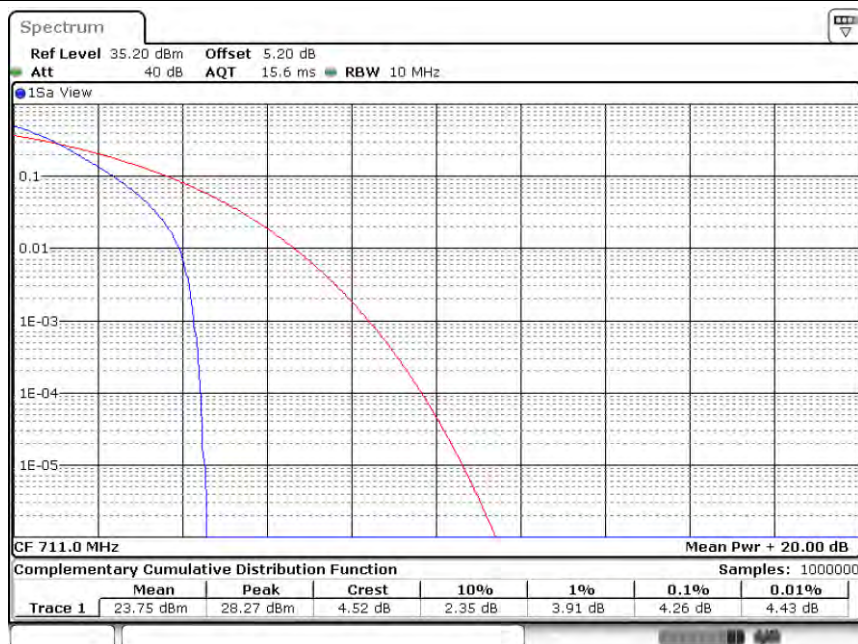


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Band17-10MHz-QPSK-23800-50RB#0



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Band17-10MHz-64QAM-23780-50RB#0



Date: 5.FEB.2021 16:53:39



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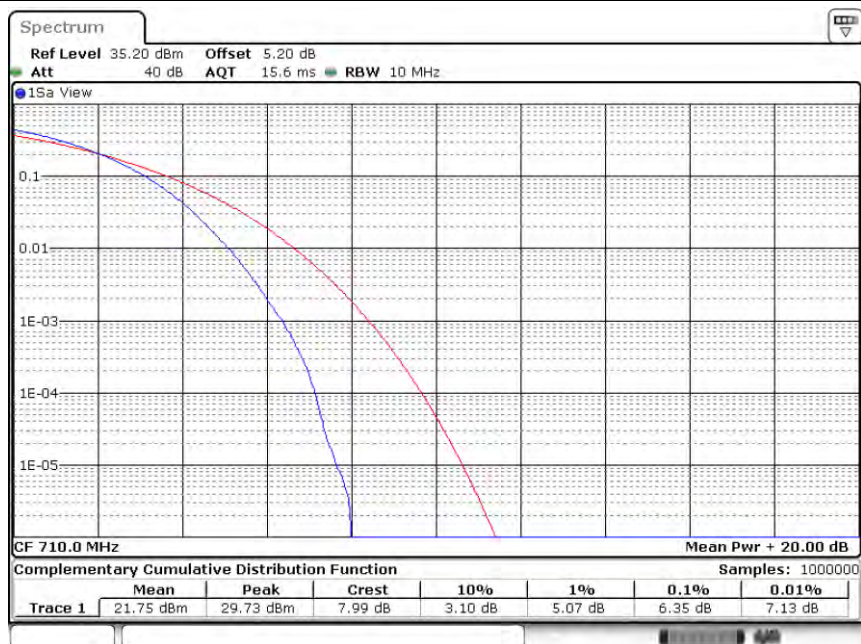
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Band17-10MHz-64QAM-23790-50RB#0



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Band17-10MHz-64QAM-23800-50RB#0

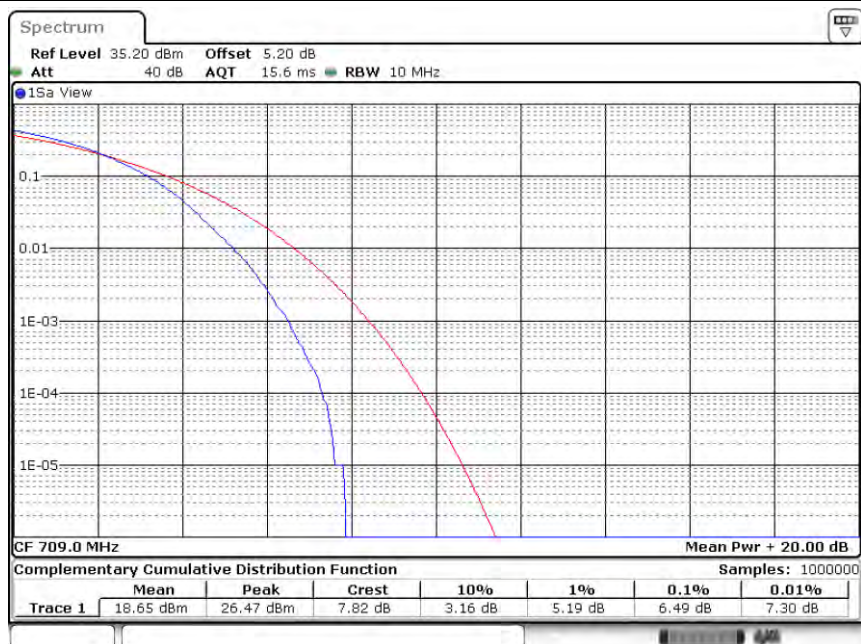


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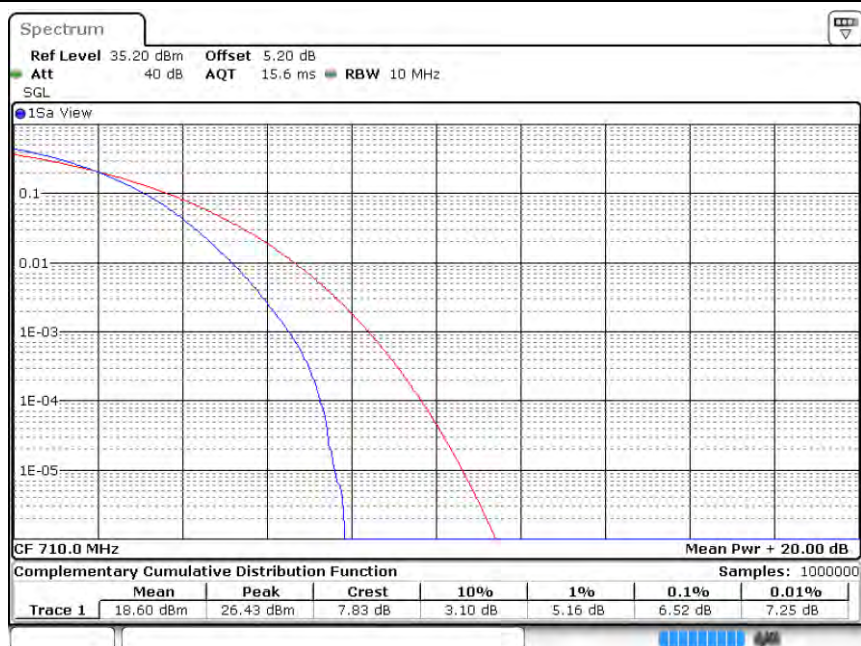


Band17-10MHz-256QAM-23780-50RB#0



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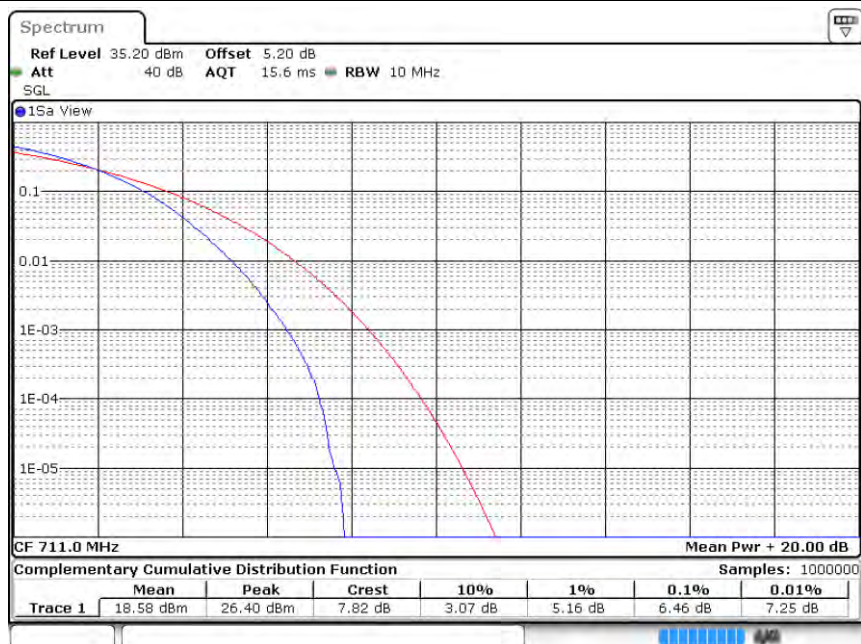


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Band17-10MHz-256QAM-23800-50RB#0



Date: 1.MAR.2021 15:08:17

Band17-10MHz-16QAM-23780-50RB#0



Date: 5.FEB.2021 16:06:56

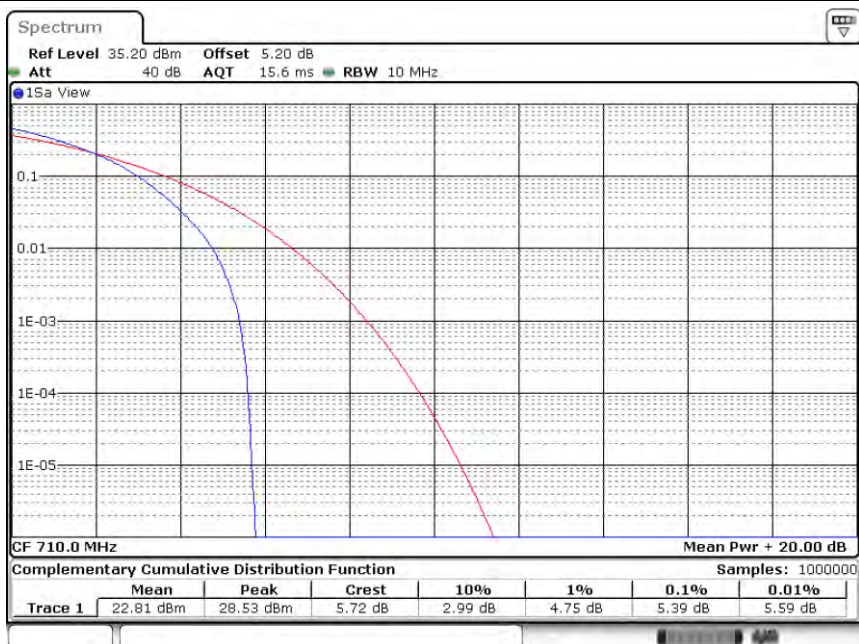


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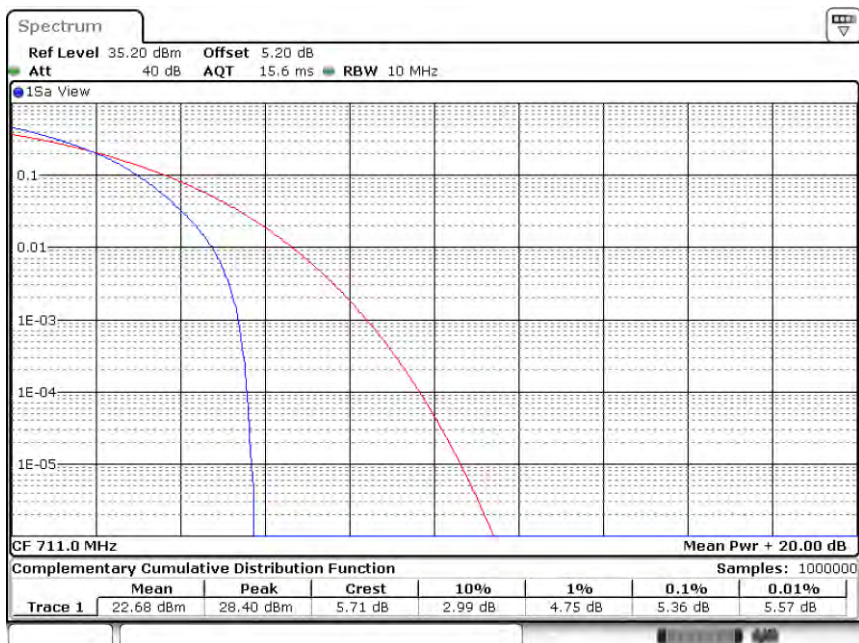


Band17-10MHz-16QAM-23790-50RB#0



Date: 5.FEB.2021 16:07:19

Band17-10MHz-16QAM-23800-50RB#0



Date: 5.FEB.2021 16:07:42



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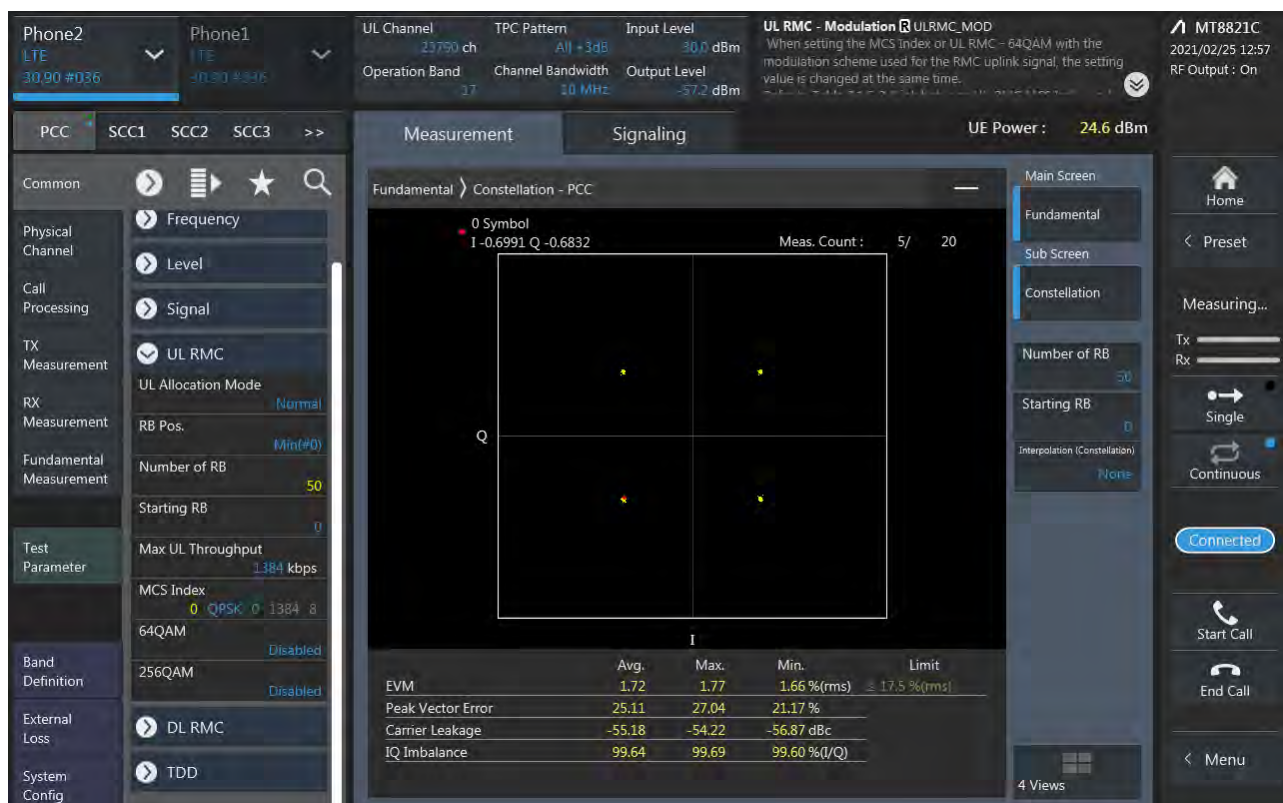
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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 10MHz

3.1.1. Test Channel = MCH



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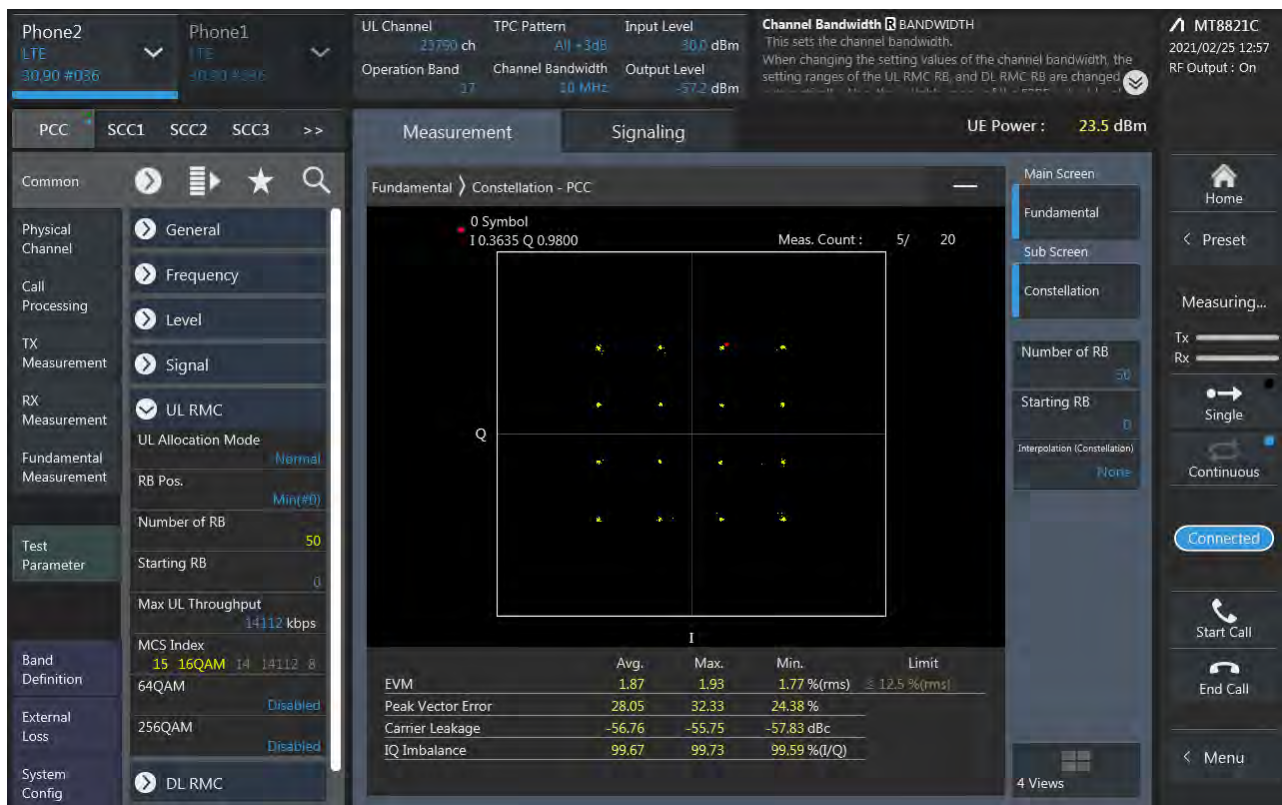
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3.2. Test Mode = LTE /TM2 10MHz

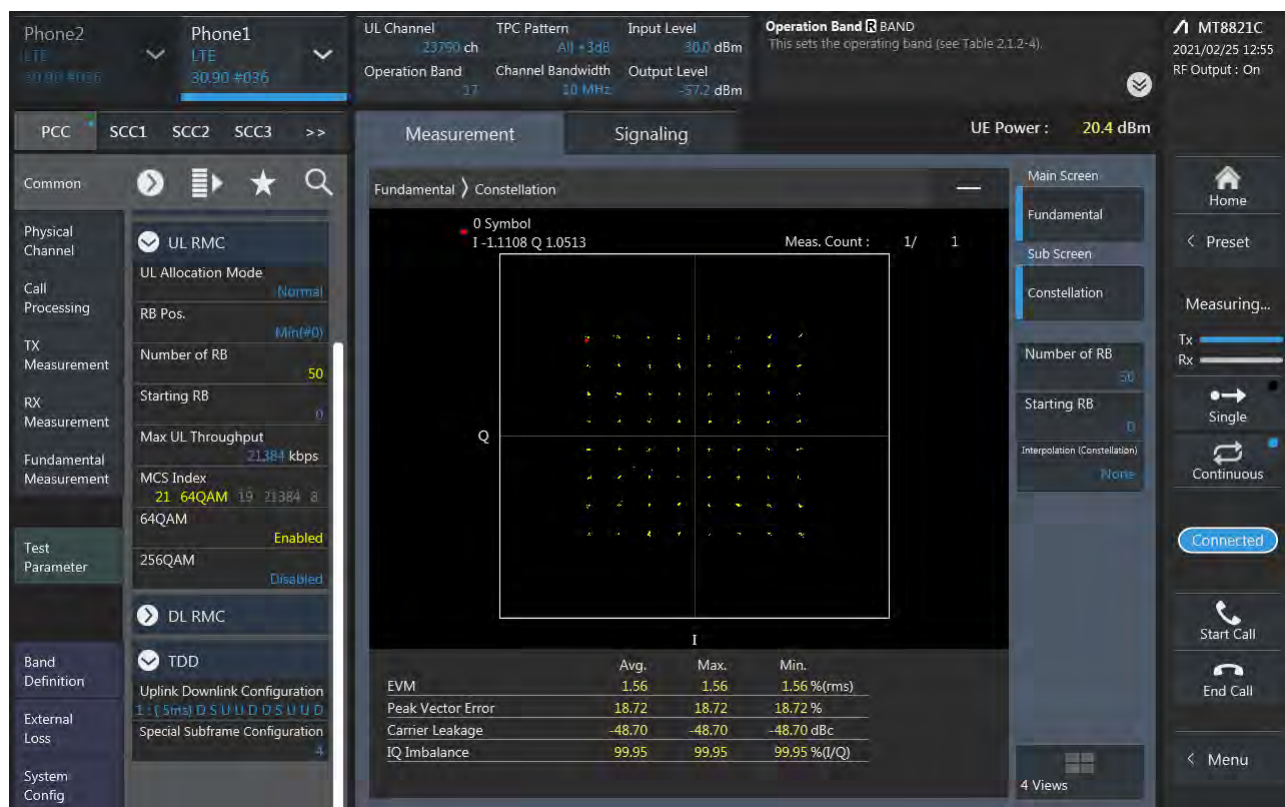
3.2.1. Test Channel = MCH





3.3. Test Mode = LTE /TM3 10MHz

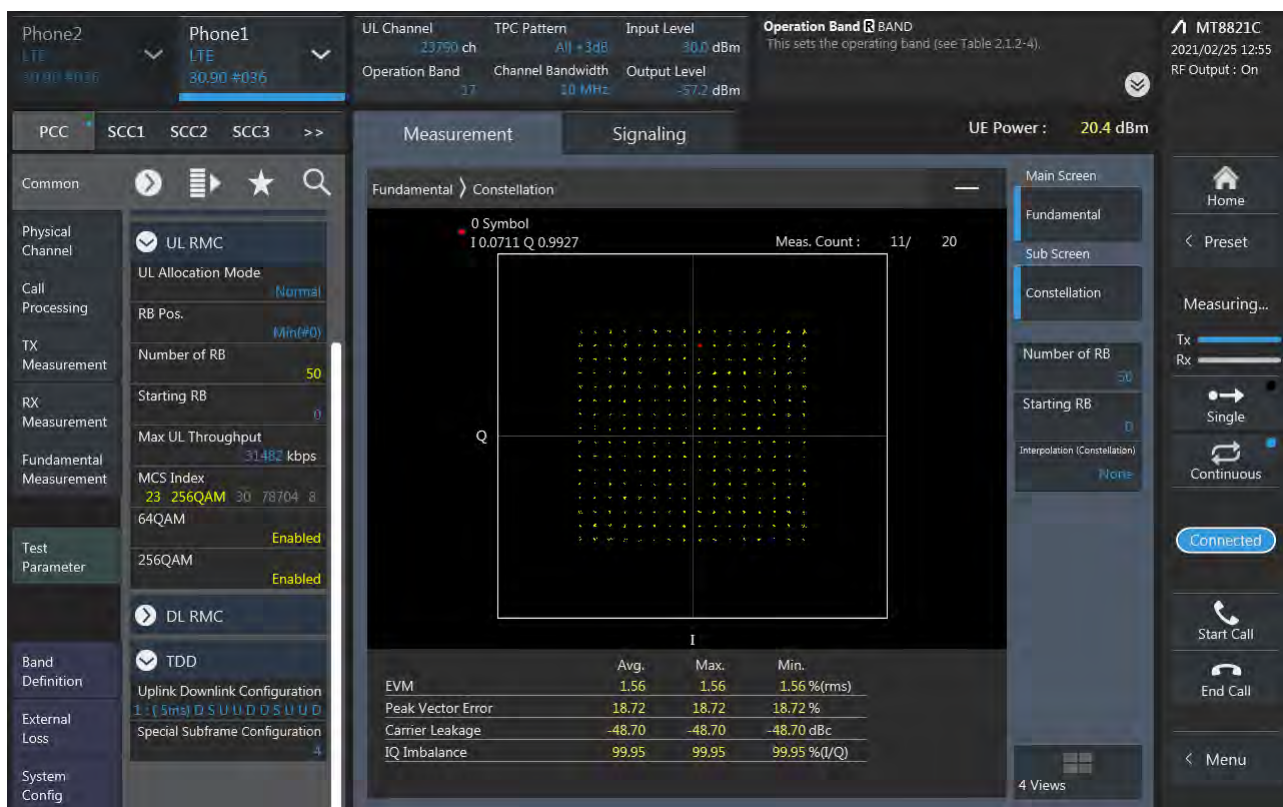
3.3.1. Test Channel = MCH





3.4. Test Mode = LTE /TM4 10MHz

3.4.1. Test Channel = MCH



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4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.476	4.890	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.476	4.870	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.466	4.880	PASS
Band17	5MHz	64QAM	23755	25RB#0	4.466	4.890	PASS
Band17	5MHz	64QAM	23790	25RB#0	4.476	4.880	PASS
Band17	5MHz	64QAM	23825	25RB#0	4.466	4.860	PASS
Band17	5MHz	256QAM	23755	25RB#0	4.476	4.800	PASS
Band17	5MHz	256QAM	23790	25RB#0	4.476	4.880	PASS
Band17	5MHz	256QAM	23825	25RB#0	4.476	4.880	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.486	4.920	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.486	4.930	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.476	4.900	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.911	9.660	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.911	9.620	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.911	9.620	PASS
Band17	10MHz	64QAM	23780	50RB#0	8.931	9.600	PASS
Band17	10MHz	64QAM	23790	50RB#0	8.911	9.600	PASS
Band17	10MHz	64QAM	23800	50RB#0	8.891	9.600	PASS
Band17	10MHz	256QAM	23780	50RB#0	8.911	9.640	PASS
Band17	10MHz	256QAM	23790	50RB#0	8.911	9.600	PASS
Band17	10MHz	256QAM	23800	50RB#0	8.911	9.600	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.931	9.700	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.931	9.680	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.911	9.680	PASS



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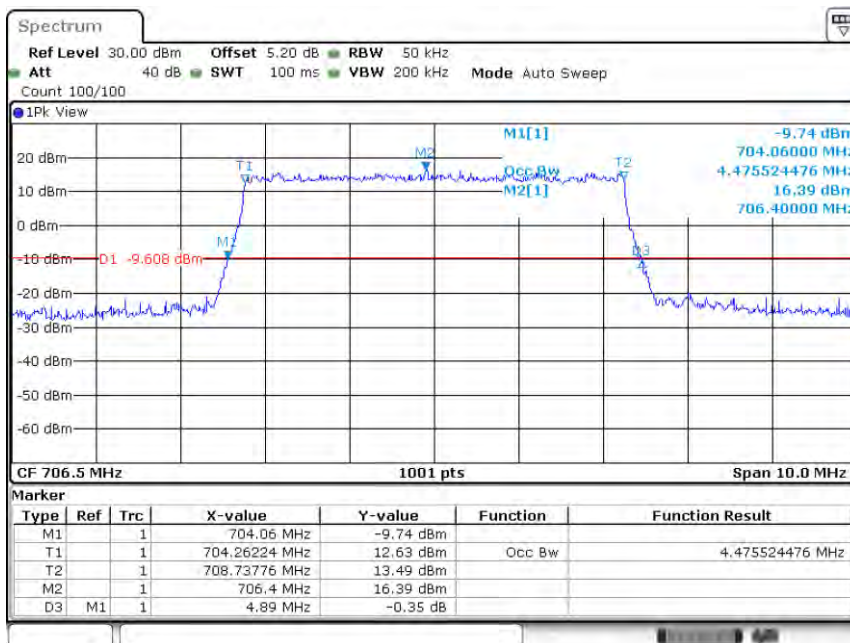
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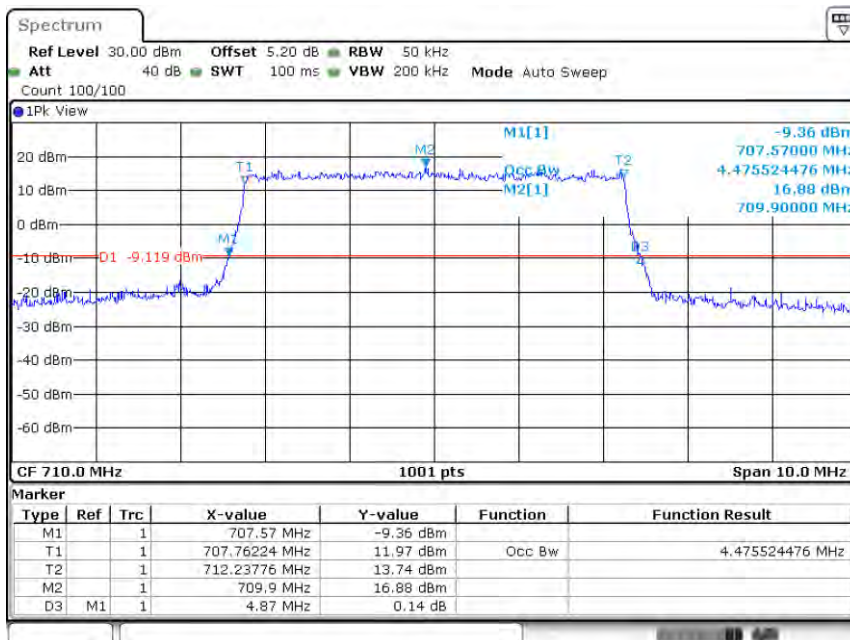
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Band17-5MHz-QPSK-23755-25RB#0-4.476



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Band17-5MHz-QPSK-23790-25RB#0-4.476



Date: 5.FEB.2021 15:49:37



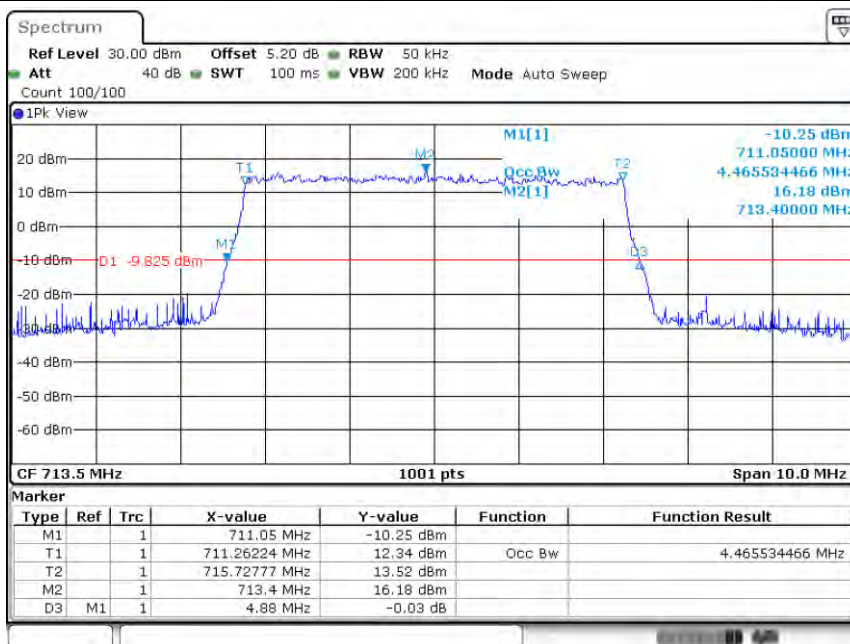
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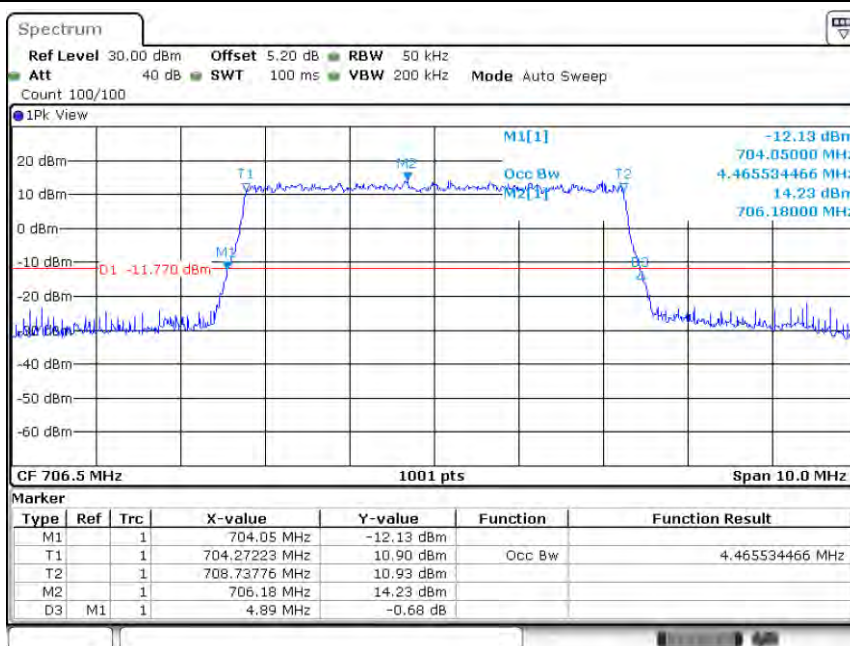


Band17-5MHz-QPSK-23825-25RB#0-4.466



Date: 5.FEB.2021 15:50:16

Band17-5MHz-64QAM-23755-25RB#0-4.466



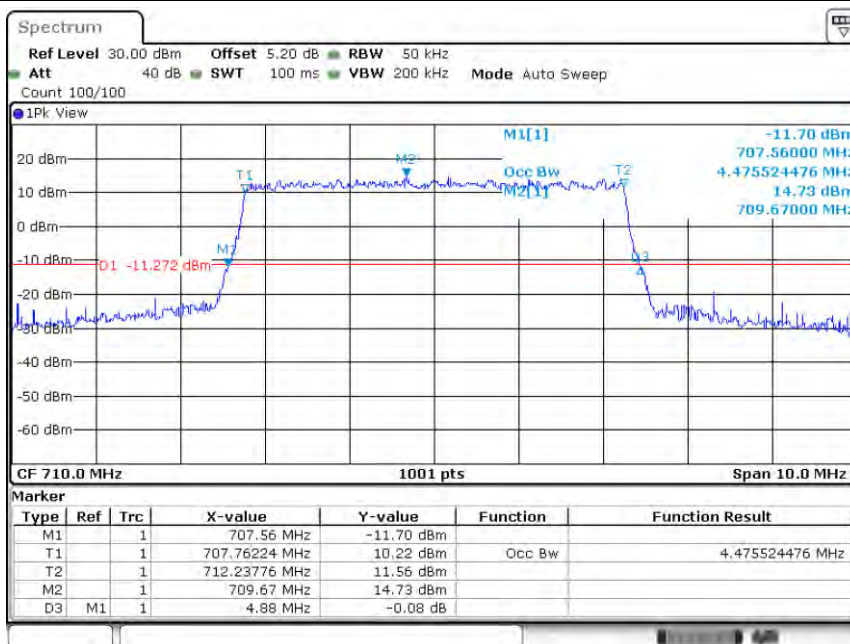
Date: 5.FEB.2021 16:44:32



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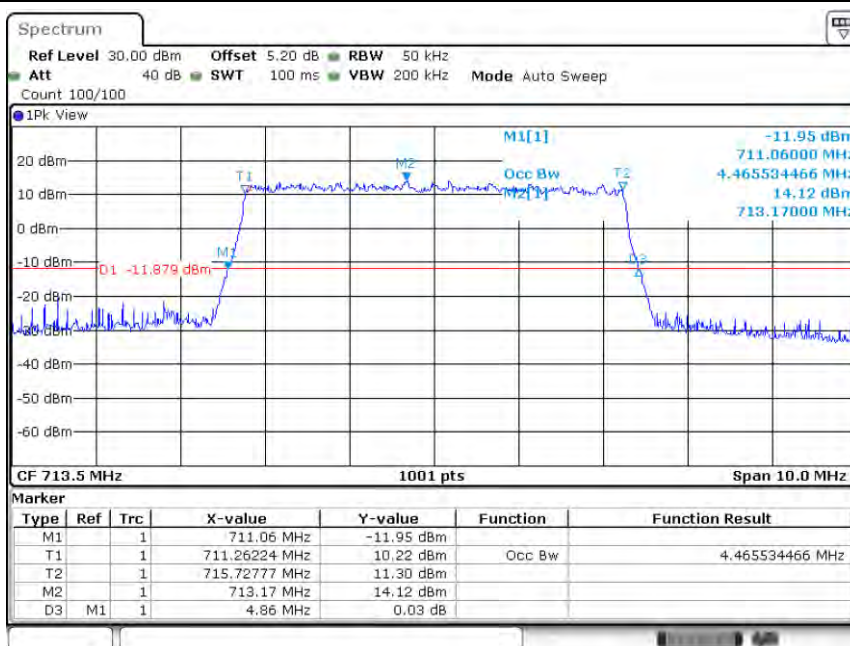
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Band17-5MHz-64QAM-23790-25RB#0-4.476



Date: 5 FEB 2021 16:44:51

Band17-5MHz-64QAM-23825-25RB#0-4.466



Date: 5 FEB 2021 16:45:11



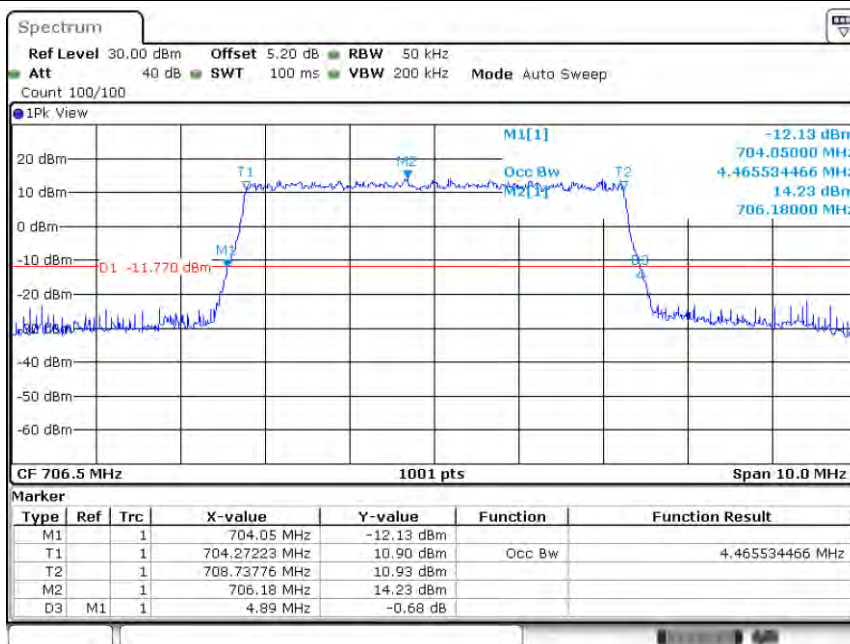
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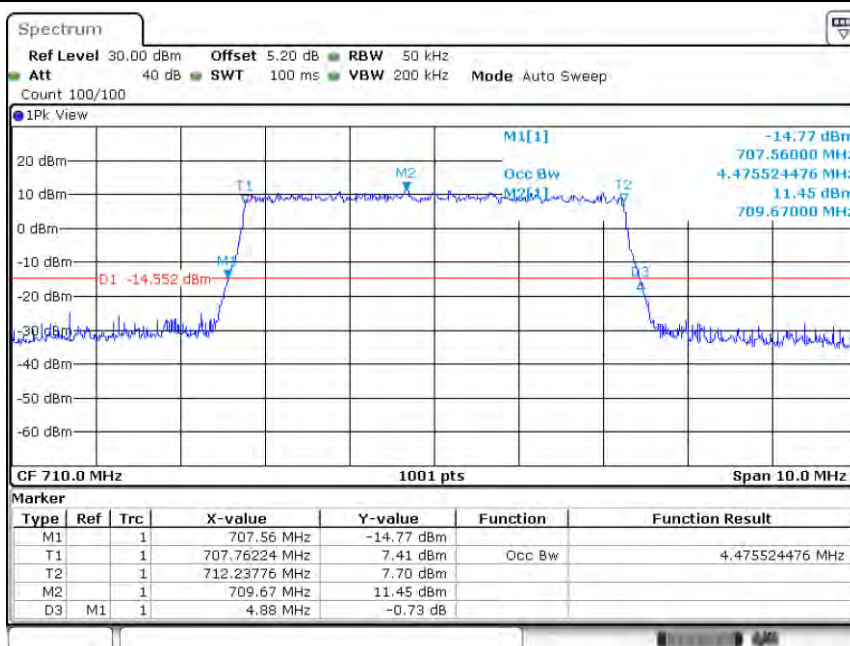


Band17-5MHz-256QAM-23755-25RB#0-4.466



Date: 5.FEB.2021 16:44:32

Band17-5MHz-256QAM-23790-25RB#0-4.476



Date: 1.MAR.2021 12:33:26



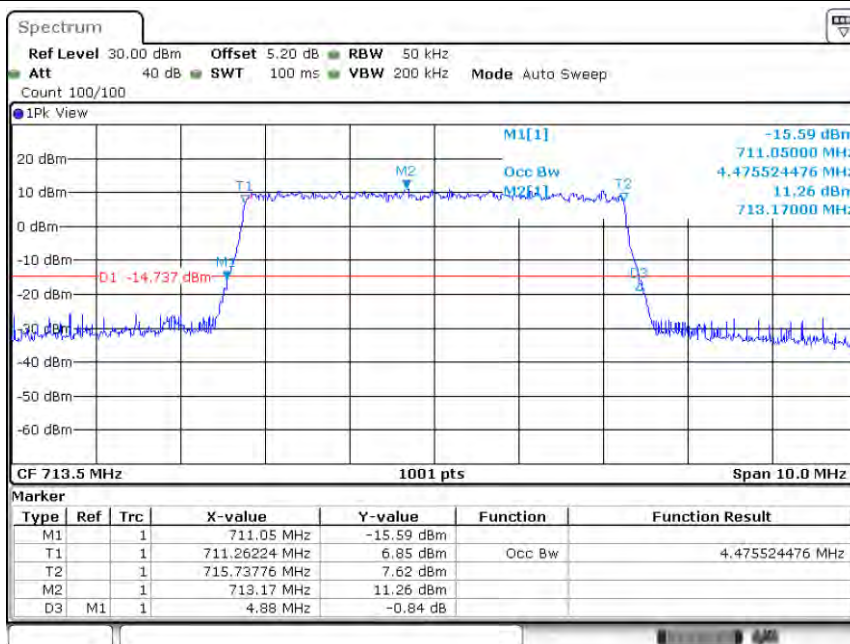
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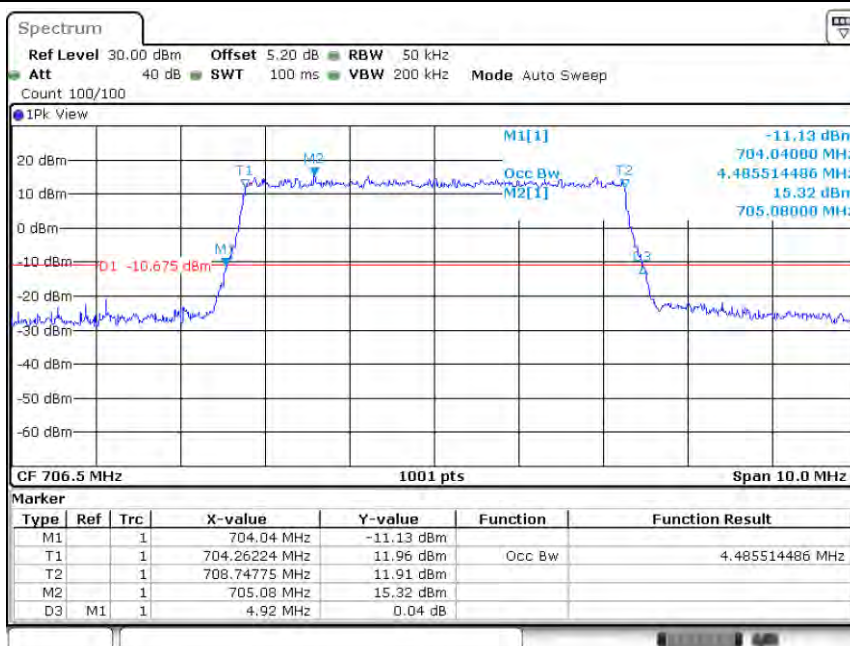


Band17-5MHz-256QAM-23825-25RB#0-4.476



Date: 1.MAR.2021 12:33:46

Band17-5MHz-16QAM-23755-25RB#0-4.486



Date: 5.FEB.2021 15:49:17

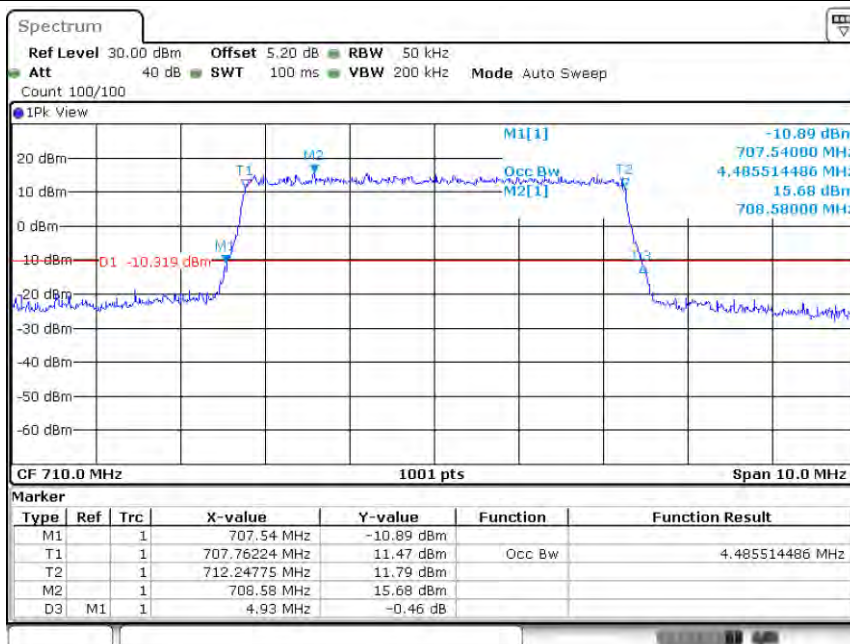


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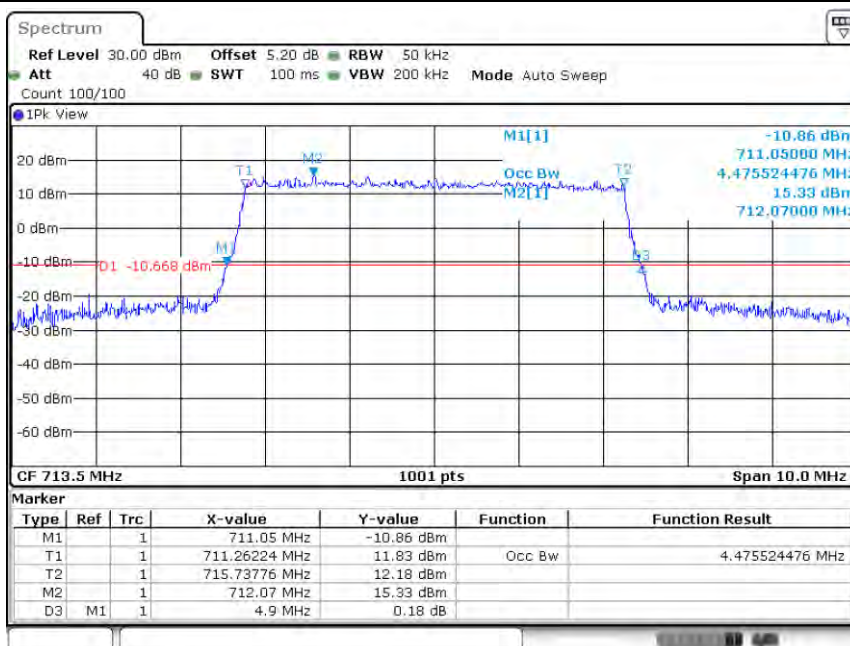


Band17-5MHz-16QAM-23790-25RB#0-4.486



Date: 5.FEB.2021 15:49:56

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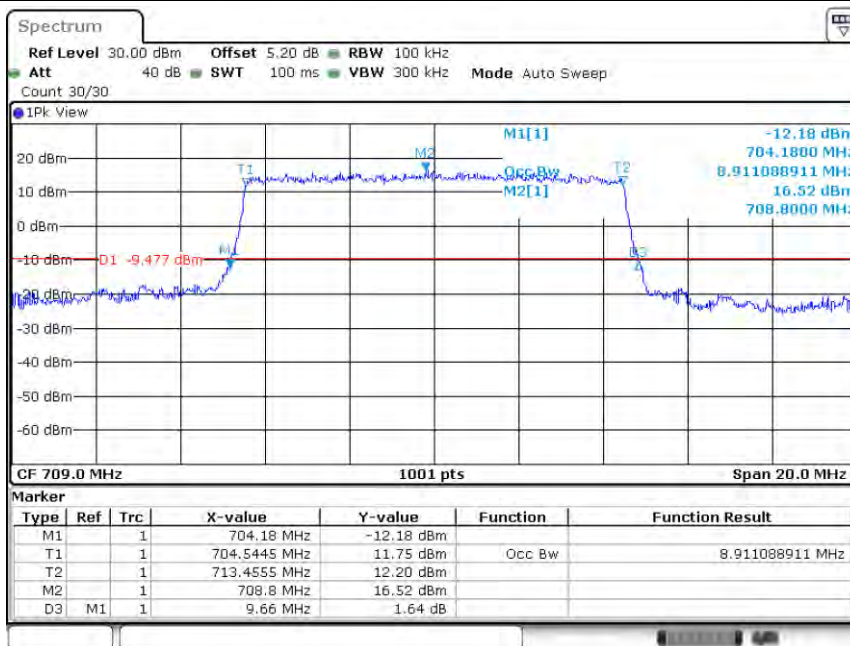


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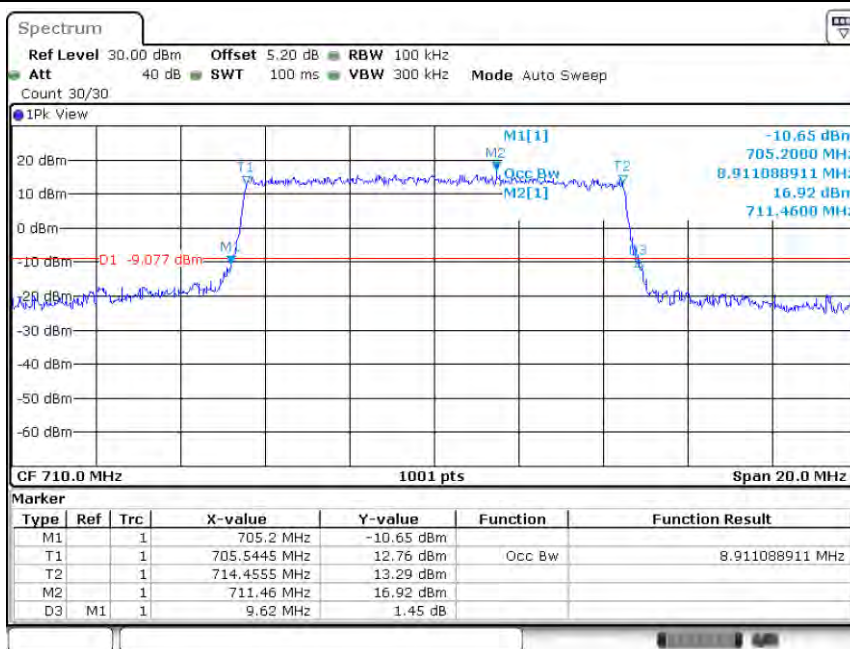


Band17-10MHz-QPSK-23780-50RB#0-8.911



Date: 5.FEB.2021 15:50:54

Band17-10MHz-QPSK-23790-50RB#0-8.911

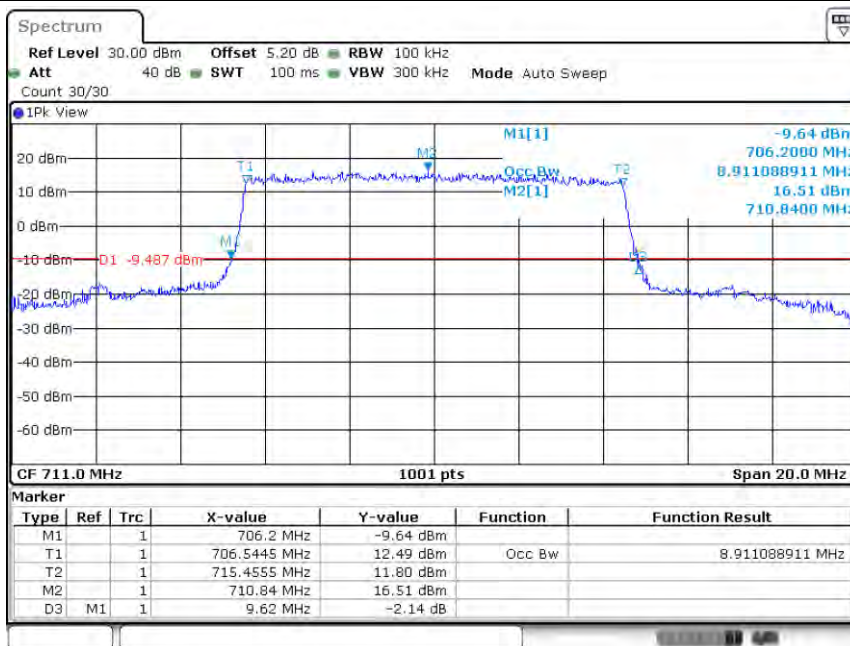


Date: 5.FEB.2021 15:51:19



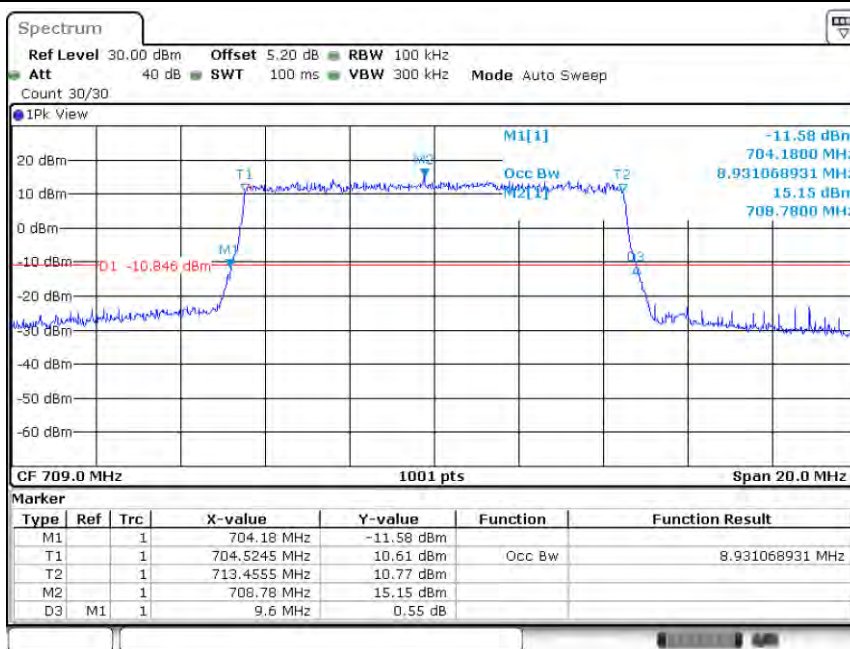


Band17-10MHz-QPSK-23800-50RB#0-8.911



Date: 5.FEB.2021 15:51:45

Band17-10MHz-64QAM-23780-50RB#0-8.931



Date: 5.FEB.2021 16:45:29



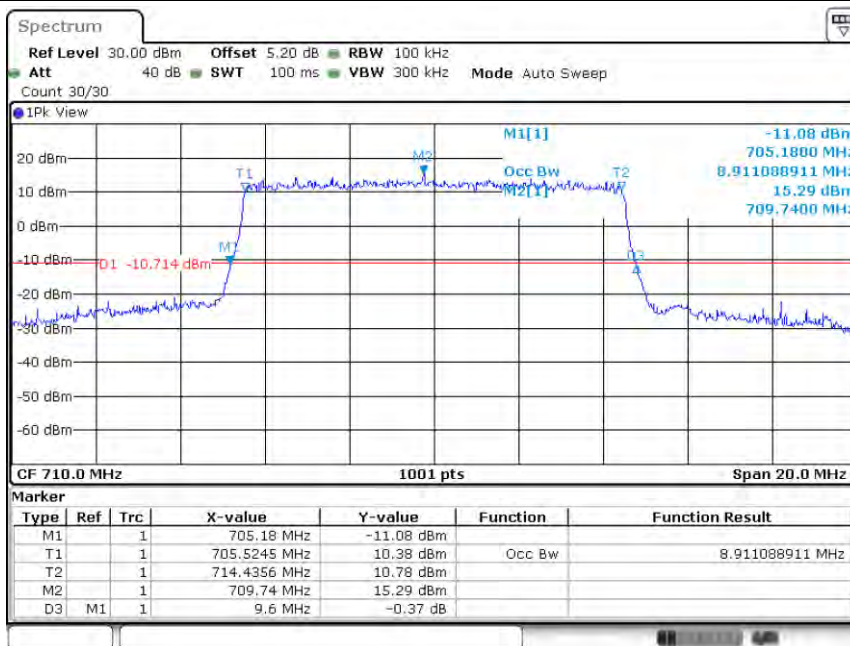
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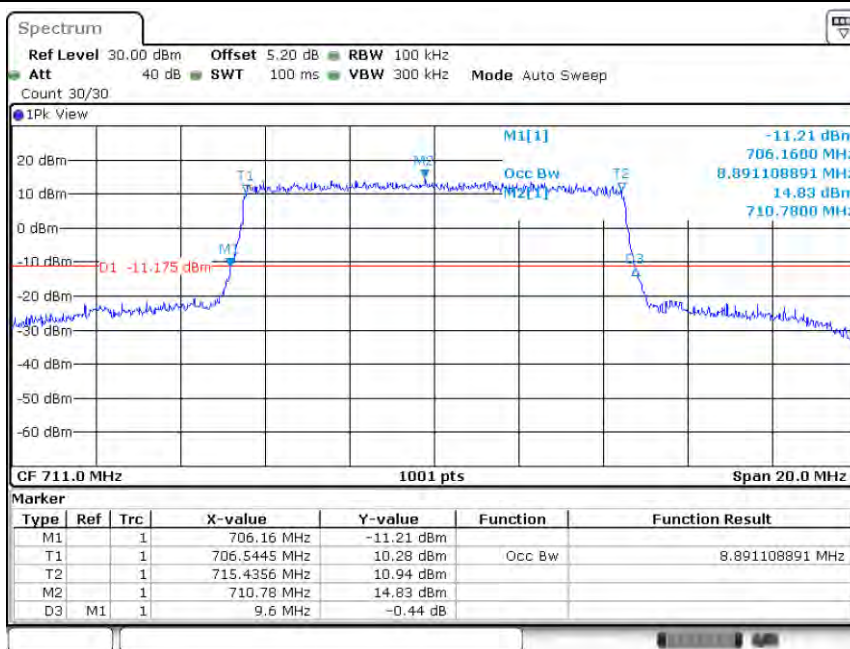


Band17-10MHz-64QAM-23790-50RB#0-8.911



Date: 5.FEB.2021 16:45:42

Band17-10MHz-64QAM-23800-50RB#0-8.891



Date: 5.FEB.2021 16:45:55

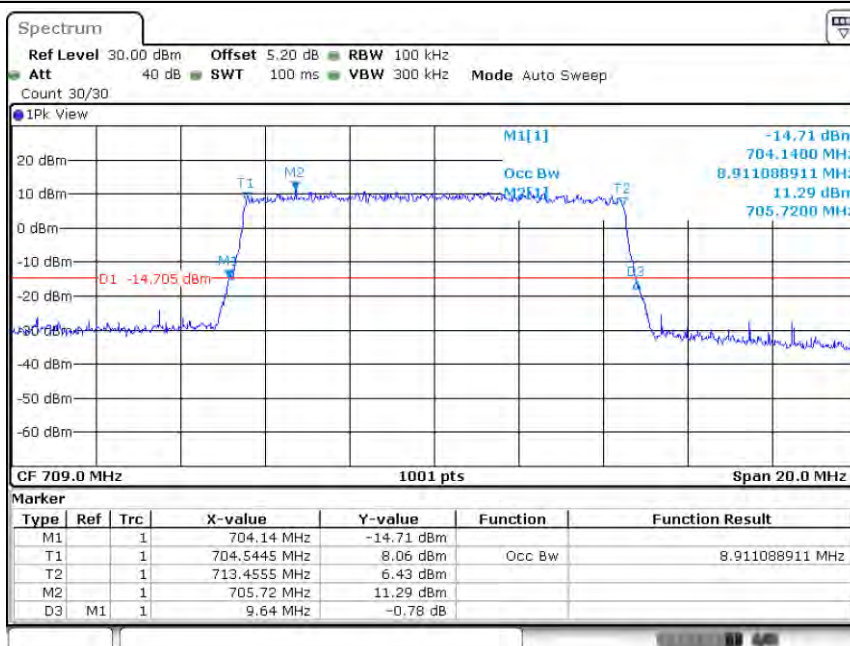


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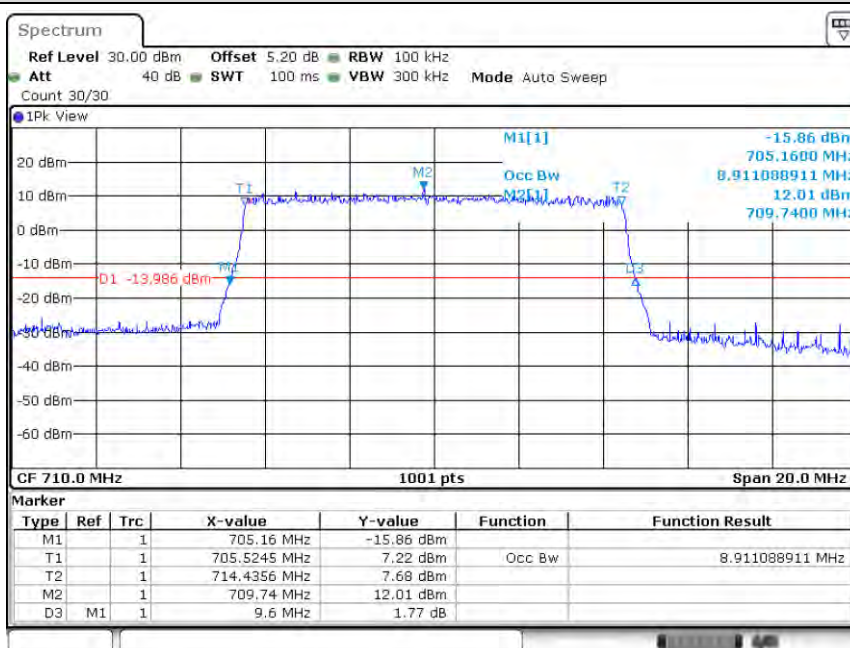


Band17-10MHz-256QAM-23780-50RB#0-8.911



Date: 1, MAR 2021 12:34:04

Band17-10MHz-256QAM-23790-50RB#0-8.911



Date: 1, MAR 2021 12:34:17

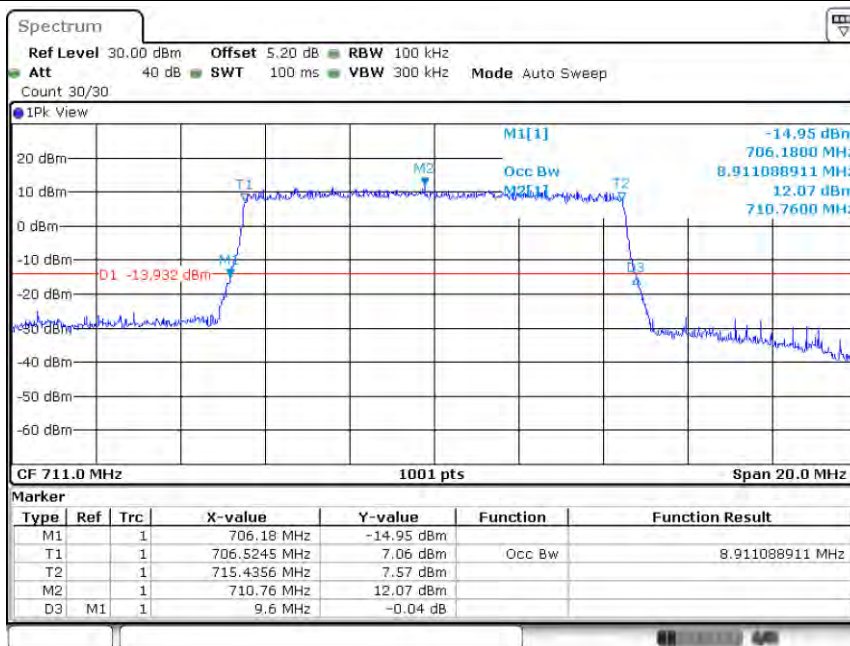


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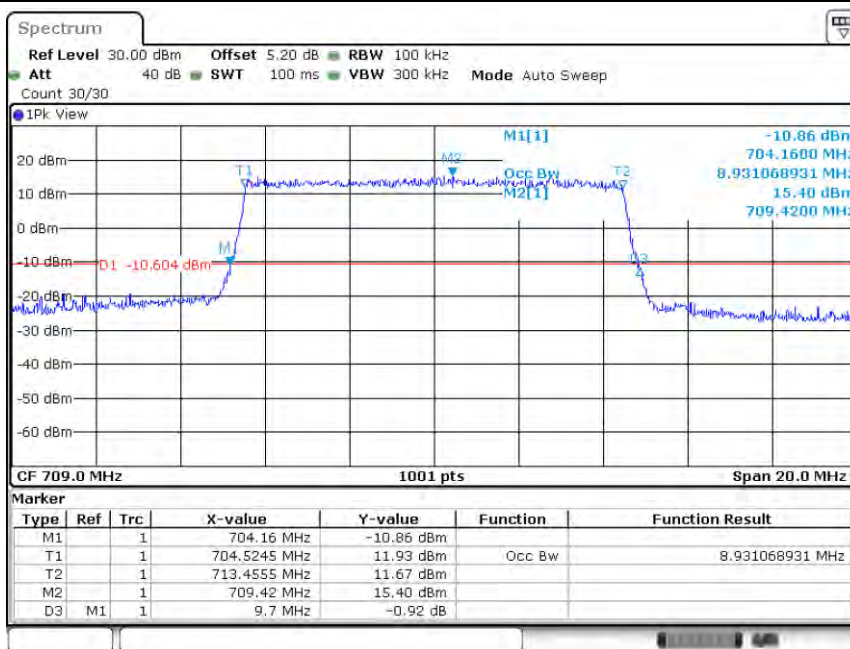


Band17-10MHz-256QAM-23800-50RB#0-8.911



Date: 1, MAR 2021 12:34:30

Band17-10MHz-16QAM-23780-50RB#0-8.931



Date: 5.FEB 2021 15:51:06

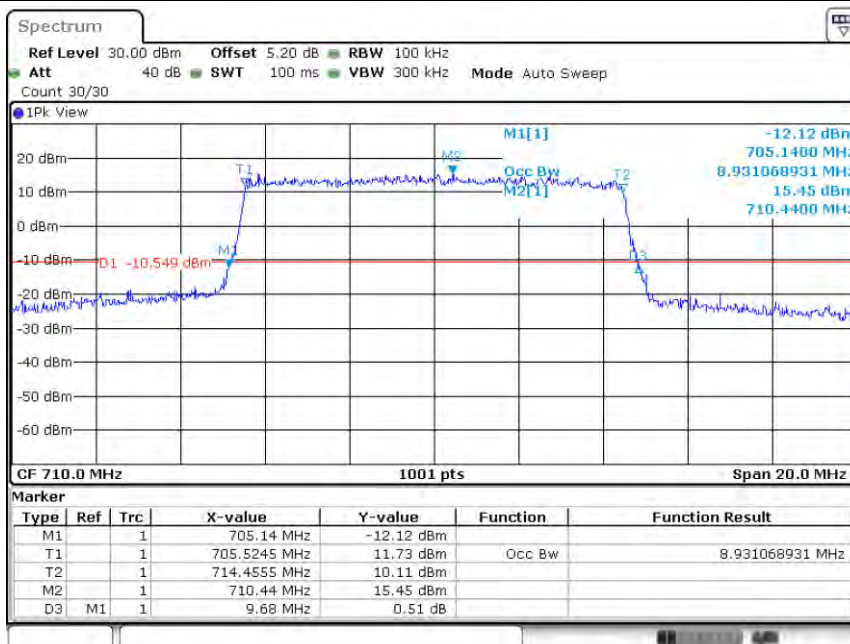


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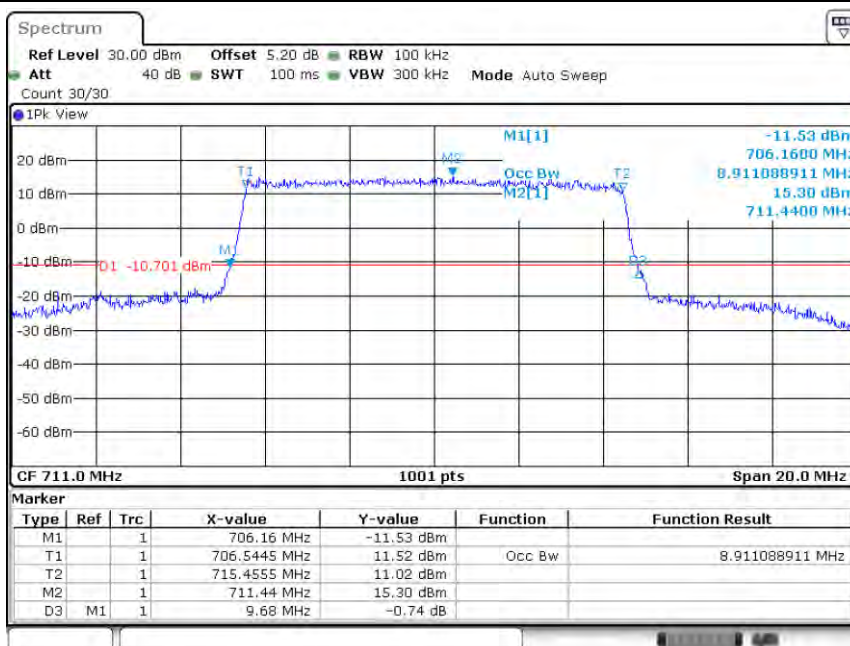


Band17-10MHz-16QAM-23790-50RB#0-8.931



Date: 5.FEB.2021 15:51:32

Band17-10MHz-16QAM-23800-50RB#0-8.911



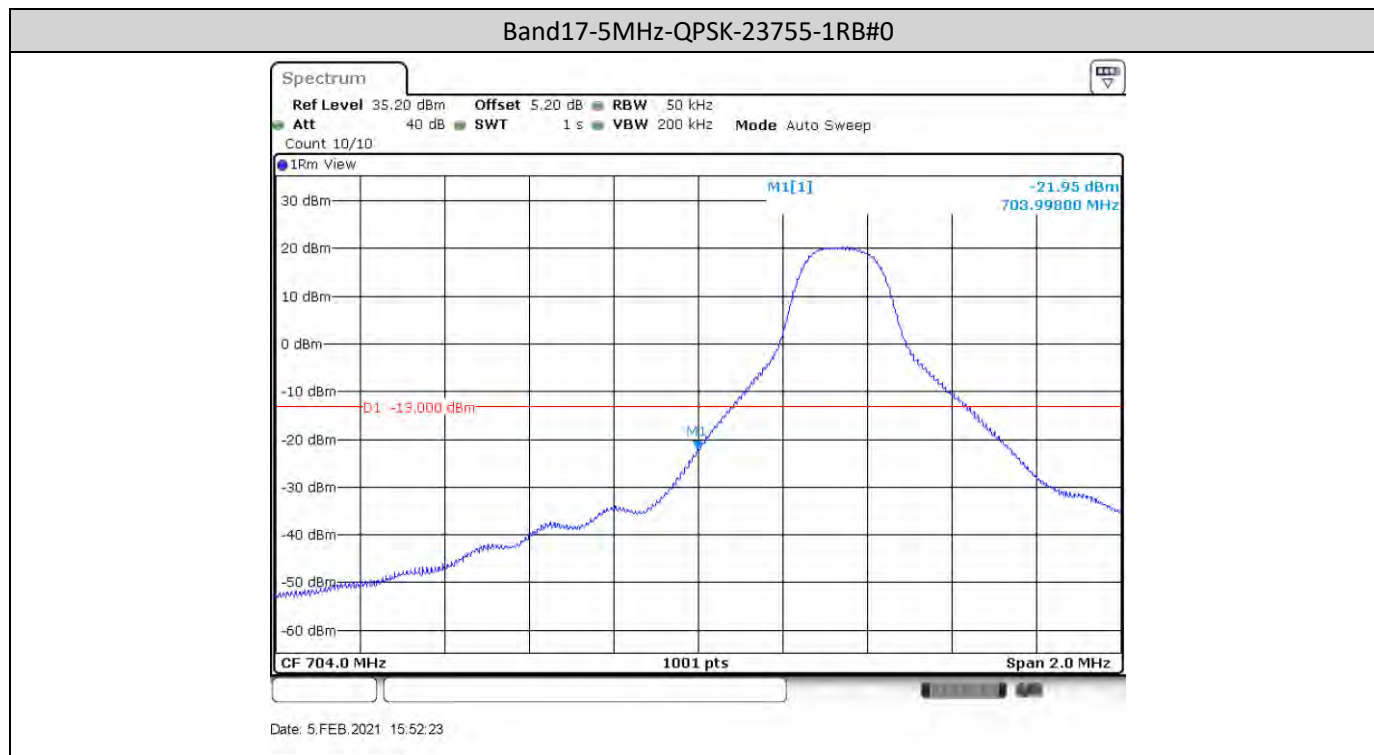
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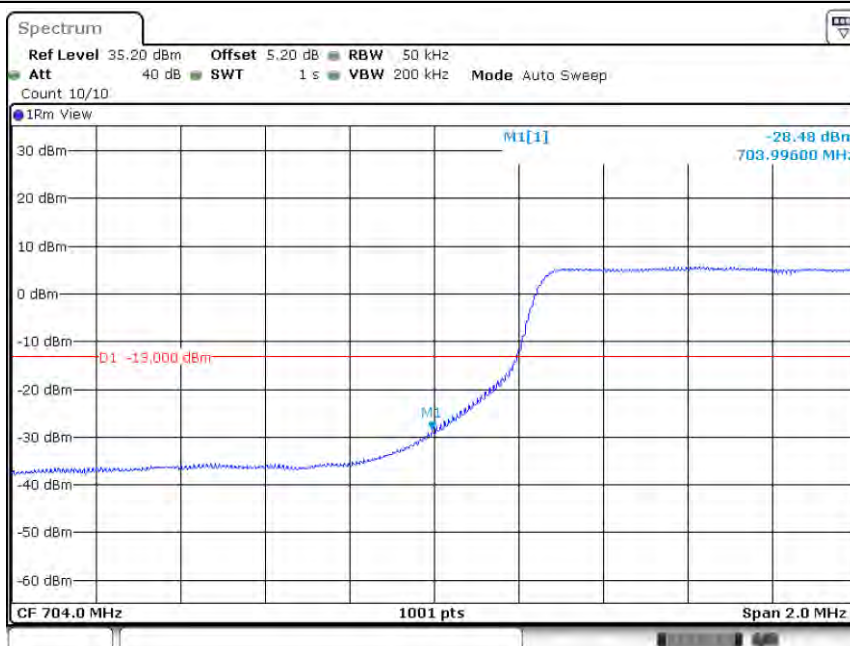
5. Band Edge Compliance

5.1. Test Plots





Band17-5MHz-QPSK-23755-25RB#0



Date: 5.FEB.2021 15:53:04

Band17-5MHz-QPSK-23825-1RB#24



Date: 5.FEB.2021 15:53:49



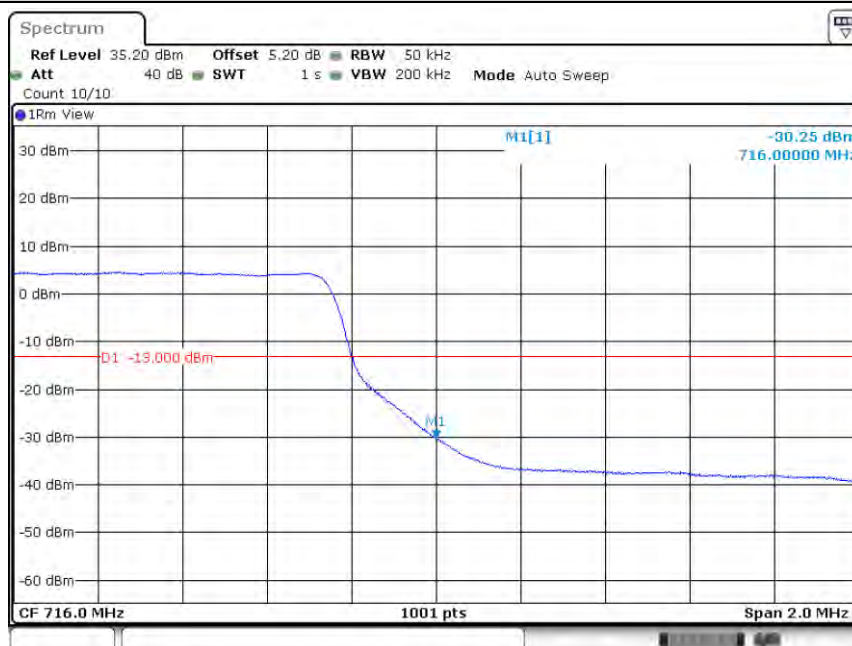
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Band17-5MHz-QPSK-23825-25RB#0



Date: 5.FEB.2021 15:54:30

Band17-5MHz-64QAM-23755-1RB#0



Date: 5.FEB.2021 16:46:20



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Band17-5MHz-64QAM-23755-25RB#0



Date: 5.FEB.2021 16:46:41

Band17-5MHz-64QAM-23825-1RB#24



Date: 5.FEB.2021 16:47:06



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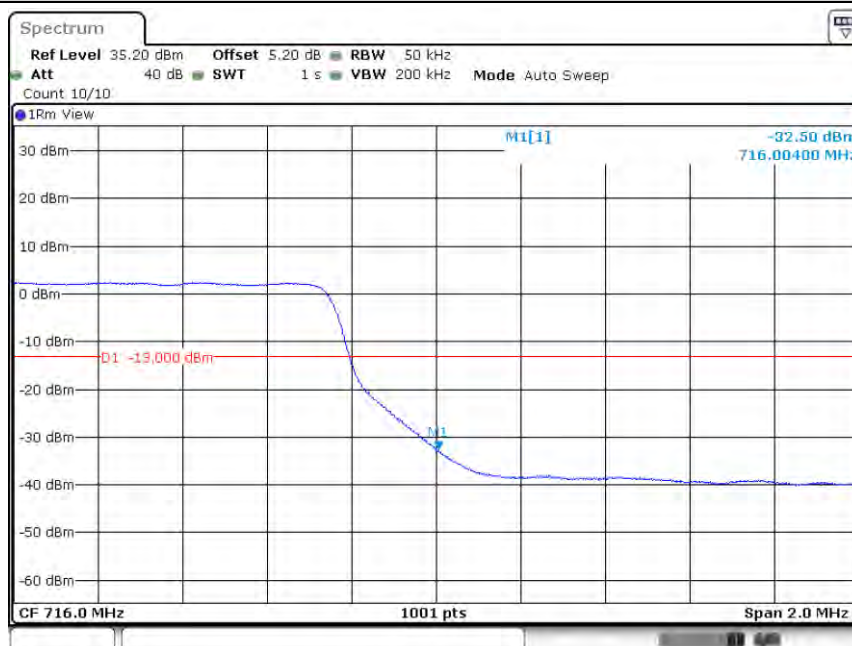
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Shenzhen Branch

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Band17-5MHz-64QAM-23825-25RB#0



Date: 5.FEB.2021 16:47:26

Band17-5MHz-256QAM-23755-1RB#0



Date: 1.MAR.2021 12:34:55

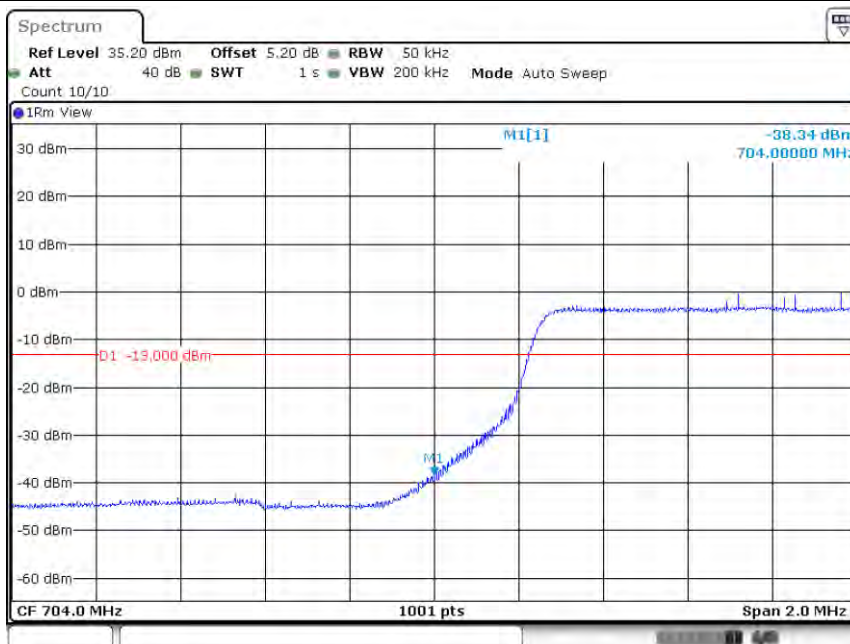


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Band17-5MHz-256QAM-23755-25RB#0



Date: 1, MAR 2021 12:35:16

Band17-5MHz-256QAM-23825-1RB#24



Date: 1, MAR 2021 12:35:49

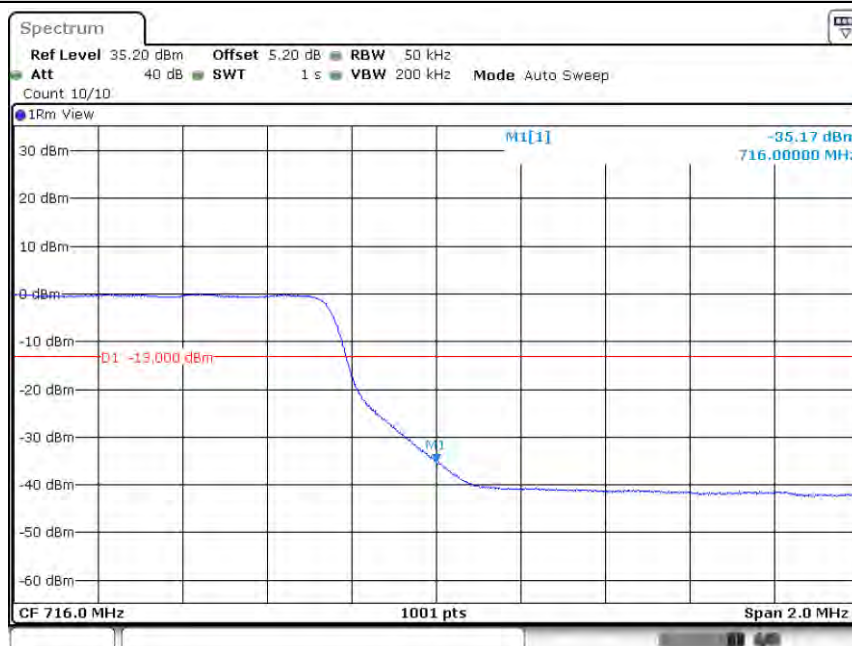


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Band17-5MHz-256QAM-23825-25RB#0



Date: 1, MAR 2021 12:36:10

Band17-5MHz-16QAM-23755-1RB#0



Date: 5, FEB 2021 15:52:43



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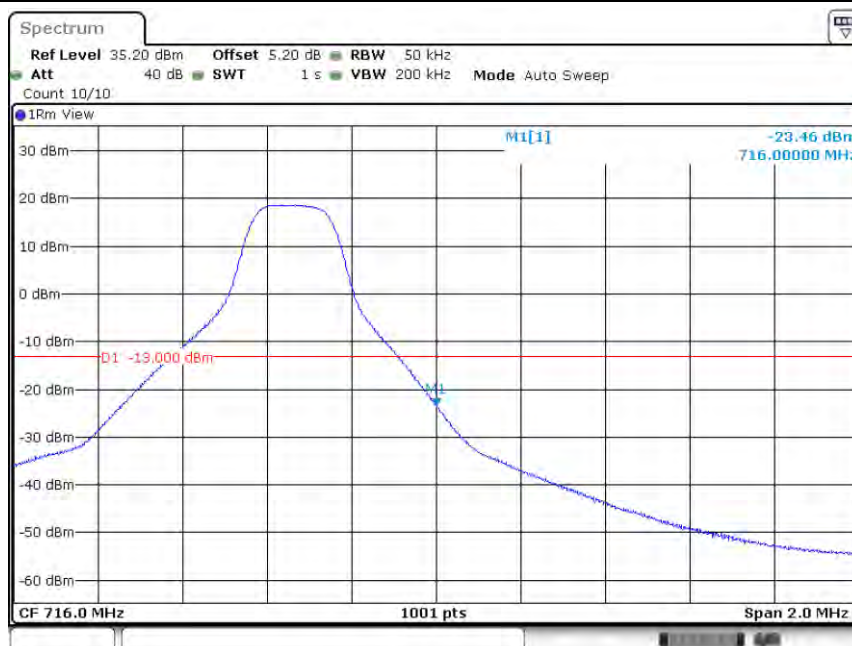


Band17-5MHz-16QAM-23755-25RB#0



Date: 5.FEB.2021 15:53:24

Band17-5MHz-16QAM-23825-1RB#24



Date: 5.FEB.2021 15:54:10



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Band17-5MHz-16QAM-23825-25RB#0



Date: 5.FEB.2021 15:54:51

Band17-10MHz-QPSK-23780-1RB#0

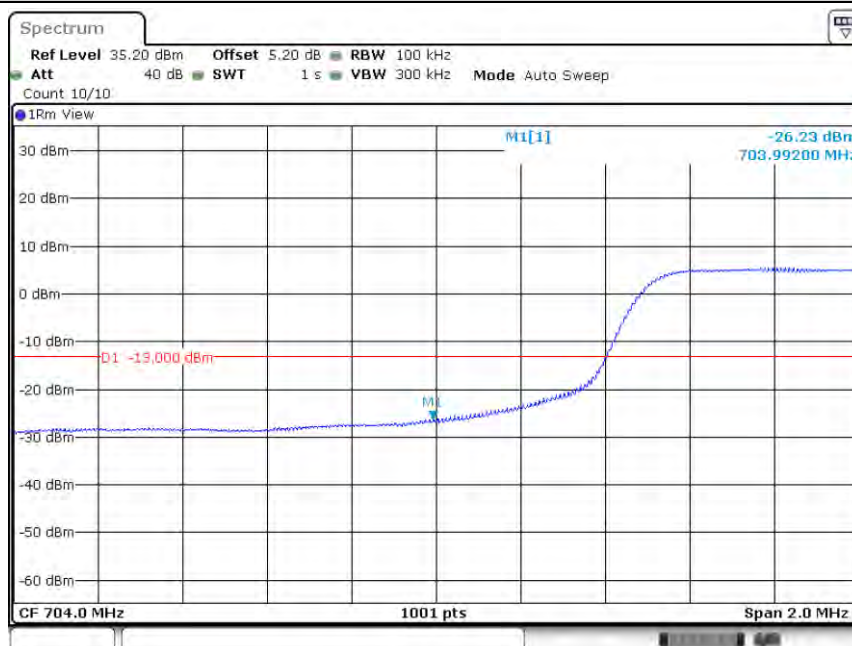


Date: 5.FEB.2021 15:55:16





Band17-10MHz-QPSK-23780-50RB#0



Date: 5.FEB.2021 15:55:57

Band17-10MHz-QPSK-23800-1RB#49



Date: 5.FEB.2021 15:56:42



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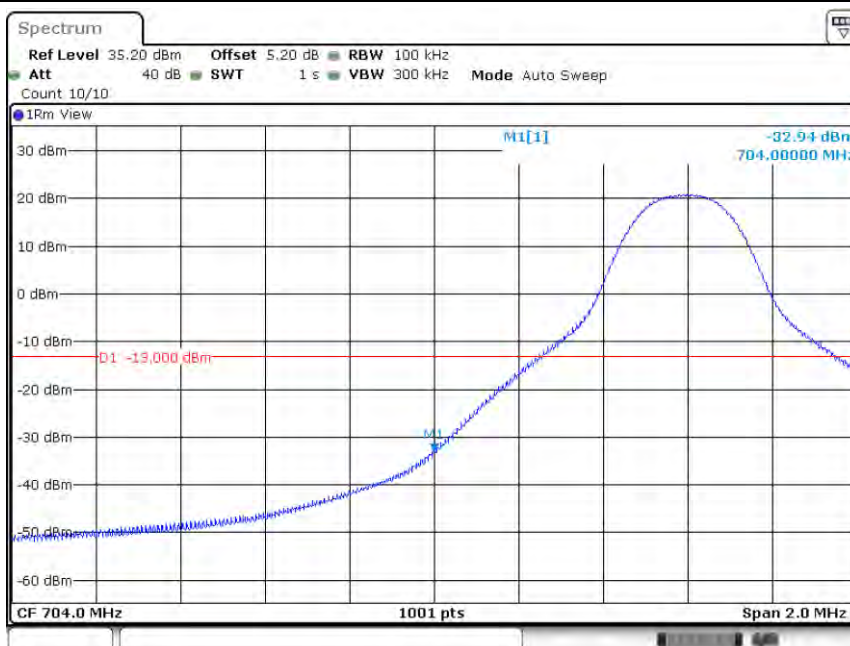


Band17-10MHz-QPSK-23800-50RB#0



Date: 5.FEB.2021 15:57:23

Band17-10MHz-64QAM-23780-1RB#0



Date: 5.FEB.2021 16:47:52



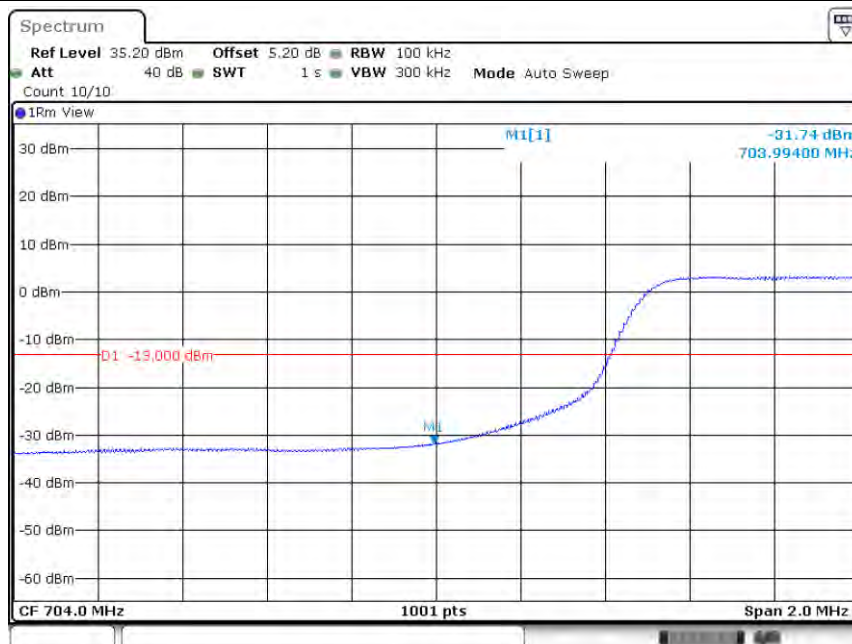
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Band17-10MHz-64QAM-23780-50RB#0



Date: 5.FEB.2021 16:48:12

Band17-10MHz-64QAM-23800-1RB#49



Date: 5.FEB.2021 16:48:37

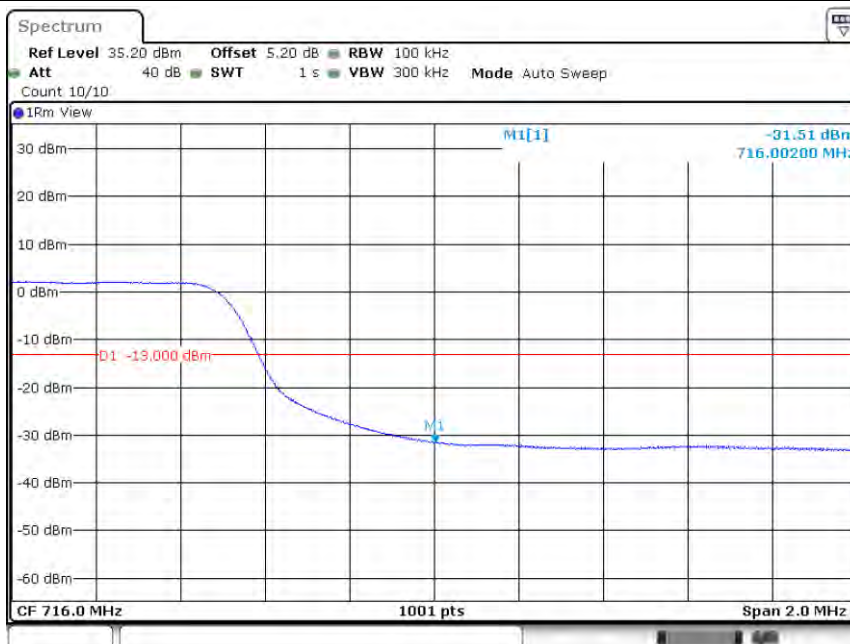


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Band17-10MHz-64QAM-23800-50RB#0



Date: 5.FEB.2021 16:48:58

Band17-10MHz-256QAM-23780-1RB#0



Date: 1.MAR.2021 13:59:34



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Band17-10MHz-256QAM-23780-50RB#0



Date: 1, MAR 2021 13:59:55

Band17-10MHz-256QAM-23800-1RB#49



Date: 1, MAR 2021 14:00:38



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Band17-10MHz-256QAM-23800-50RB#0



Date: 1, MAR 2021 14:00:59

Band17-10MHz-16QAM-23780-1RB#0



Date: 5, FEB 2021 15:55:36

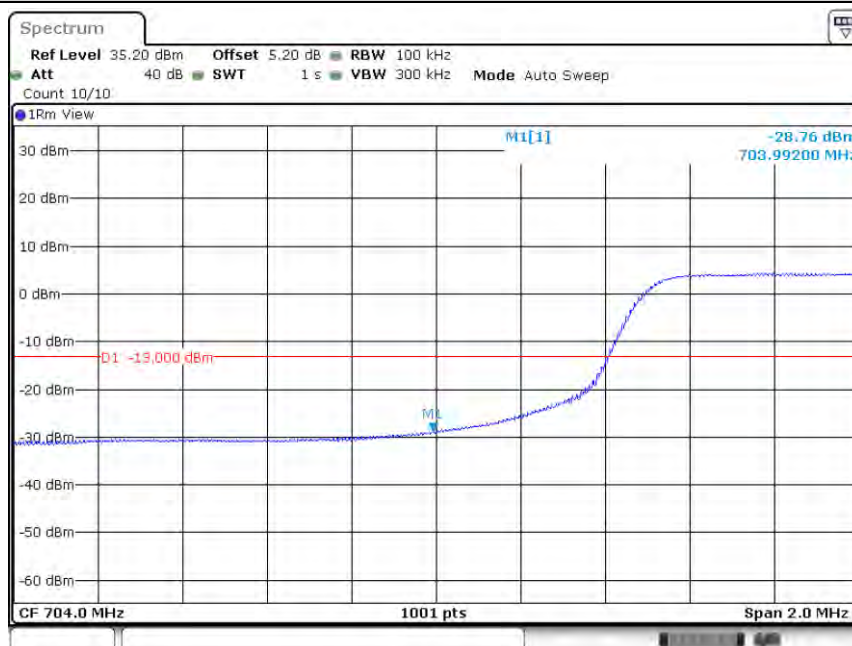


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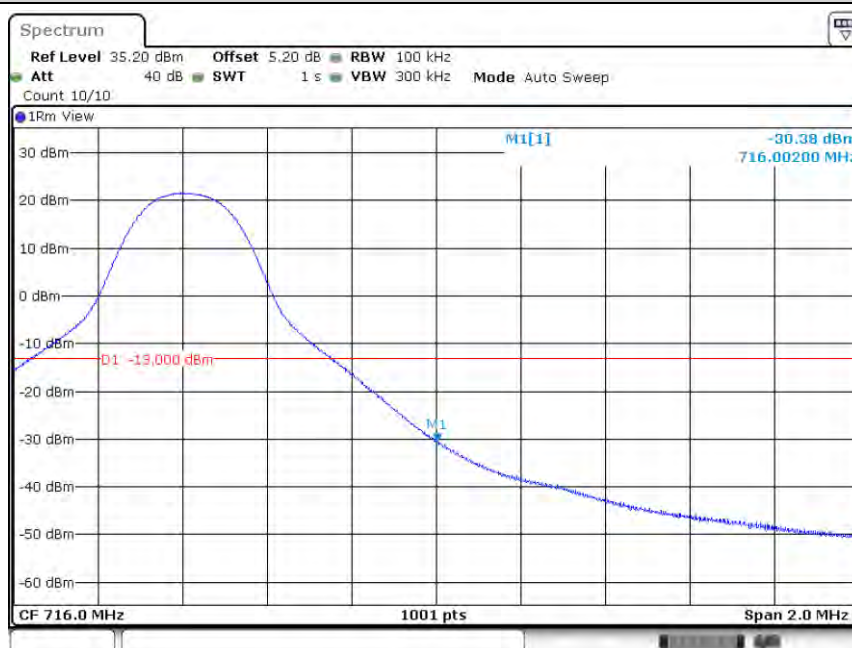


Band17-10MHz-16QAM-23780-50RB#0



Date: 5.FEB.2021 15:56:17

Band17-10MHz-16QAM-23800-1RB#49



Date: 5.FEB.2021 15:57:03



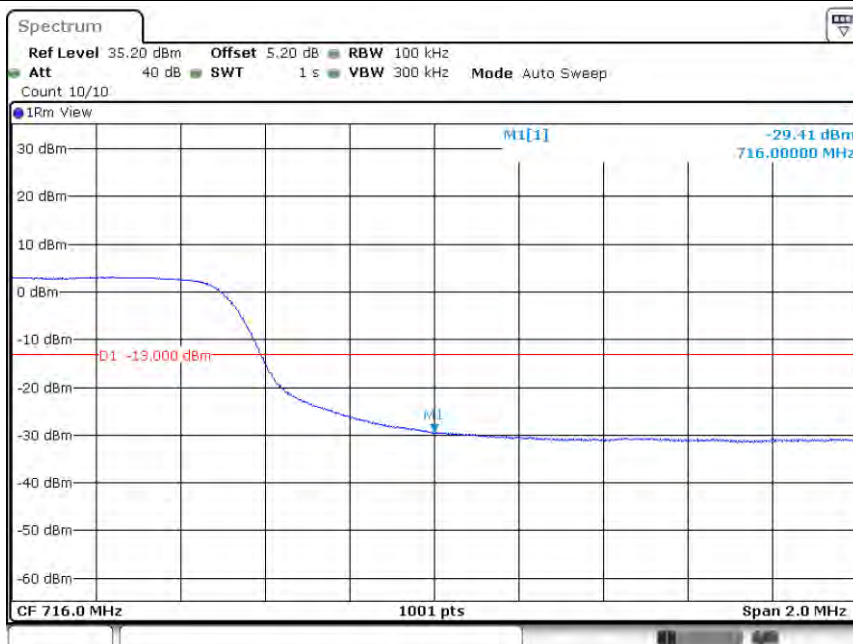
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Band17-10MHz-16QAM-23800-50RB#0



Date: 5.FEB.2021 15:57:44



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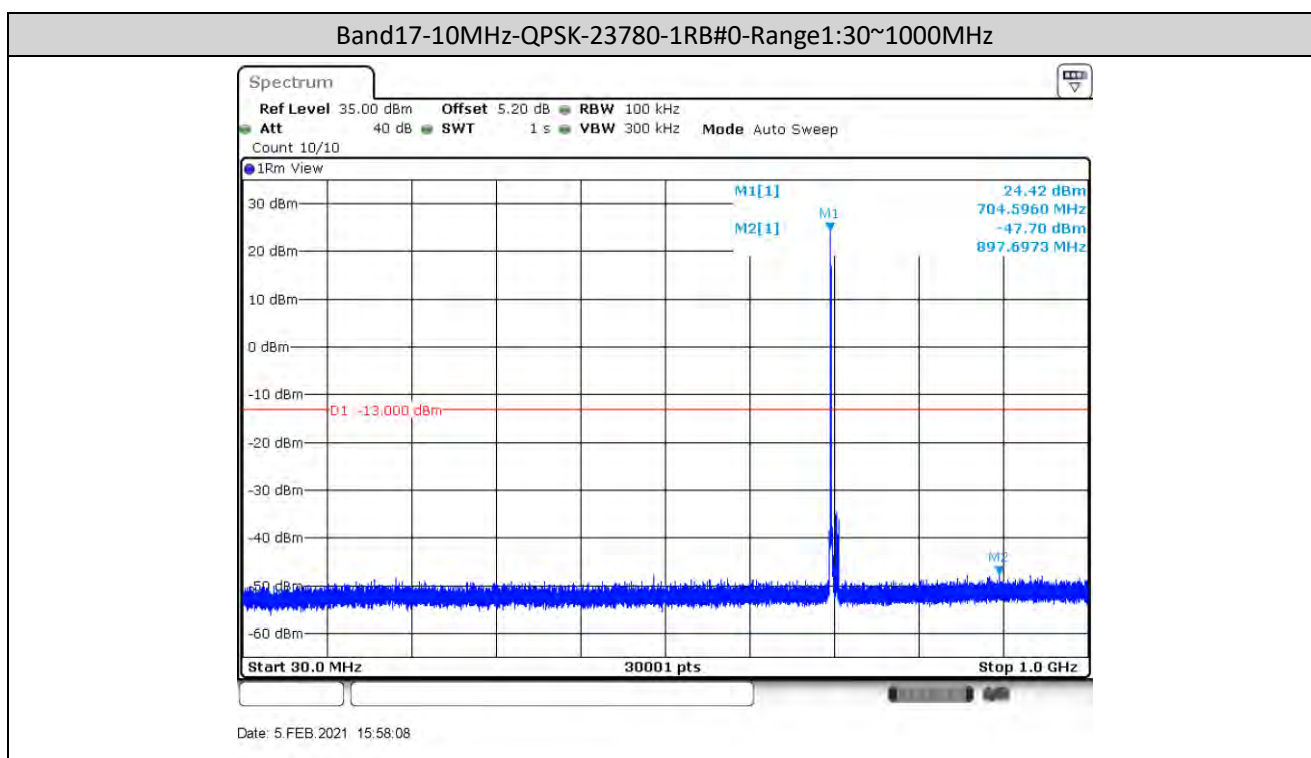
6. Spurious Emission at Antenna Terminal

Remark1: 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 = $k * (Span / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

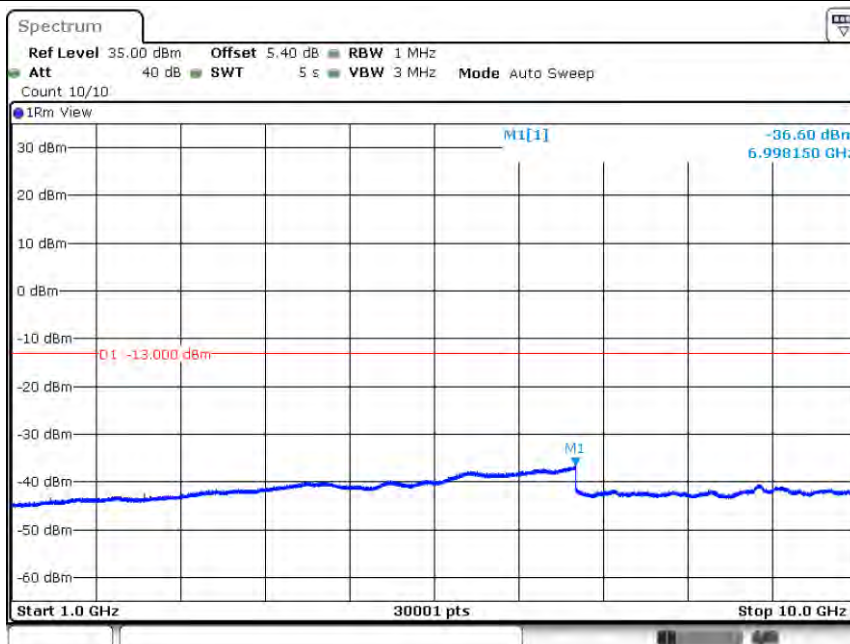
Remark2: According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.

Remark3: The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data had been displayed.

6.1. Test Plots

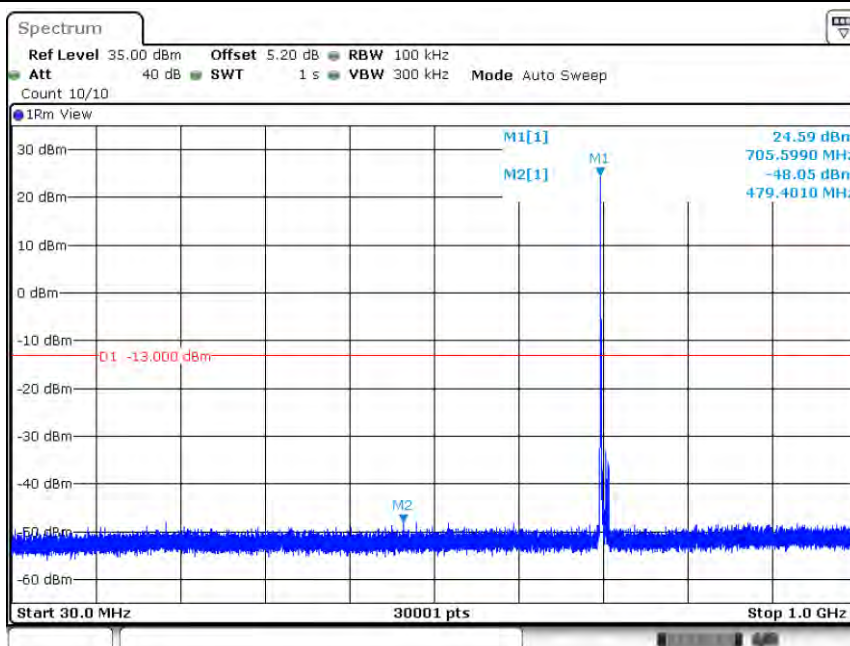


Band17-10MHz-QPSK-23780-1RB#0-Range2:1000~10000MHz



Date: 5.FEB.2021 15:59:15

Band17-10MHz-QPSK-23790-1RB#0-Range1:30~1000MHz



Date: 5.FEB.2021 16:01:02

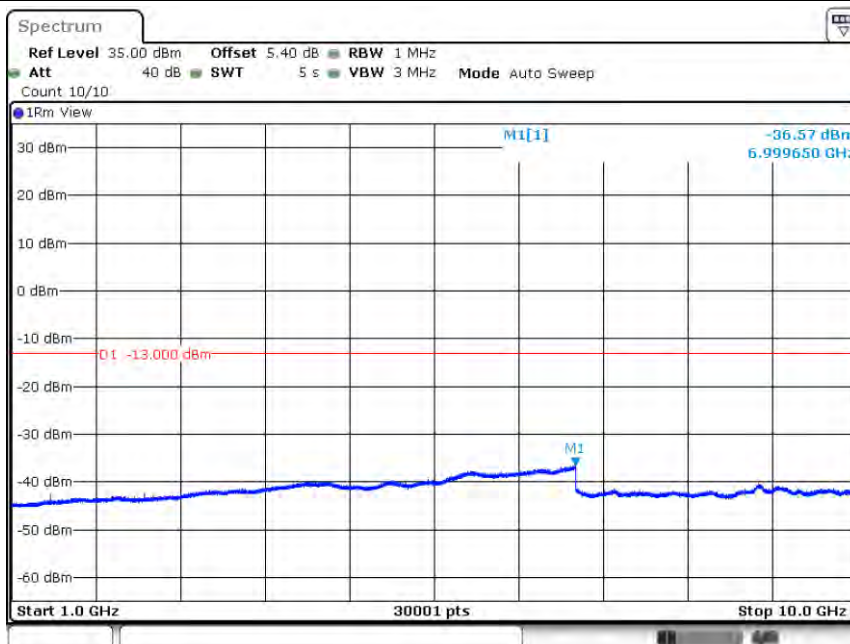


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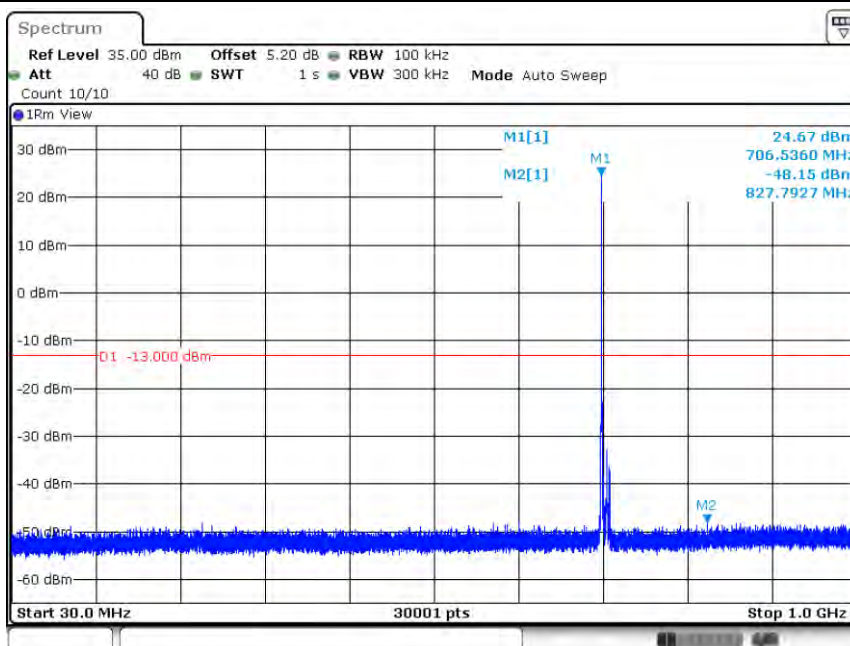


Band17-10MHz-QPSK-23790-1RB#0-Range2:1000~10000MHz



Date: 5.FEB.2021 16:02:09

Band17-10MHz-QPSK-23800-1RB#0-Range1:30~1000MHz



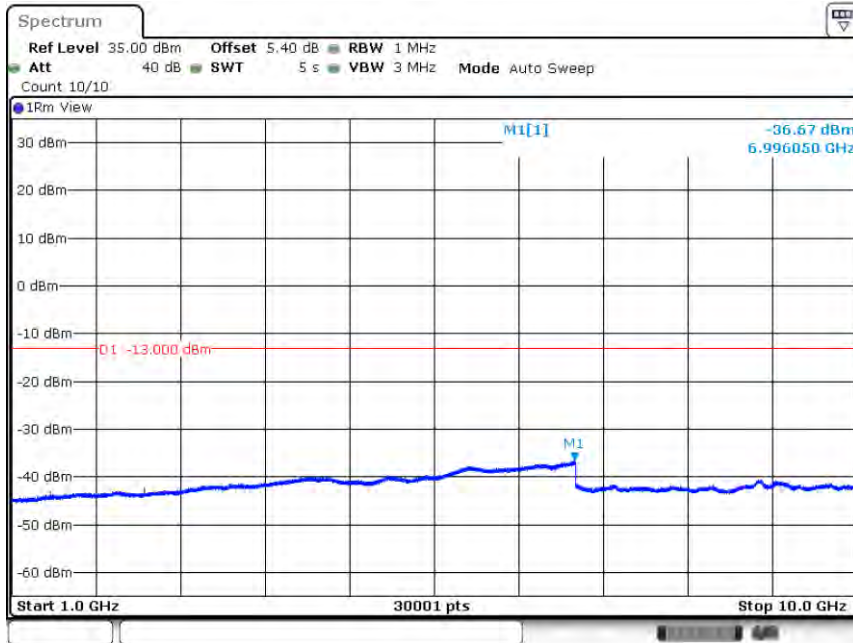
Date: 5.FEB.2021 16:03:56



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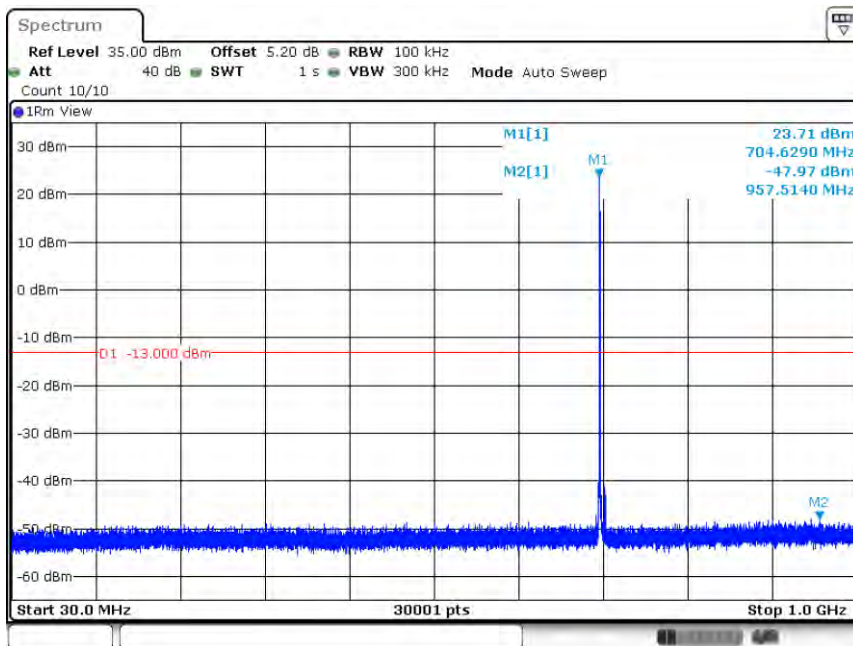
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Band17-10MHz-QPSK-23800-1RB#0-Range2:1000~10000MHz



Date: 5.FEB.2021 16:05:03

Band17-10MHz-64QAM-23780-1RB#0-Range1:30~1000MHz



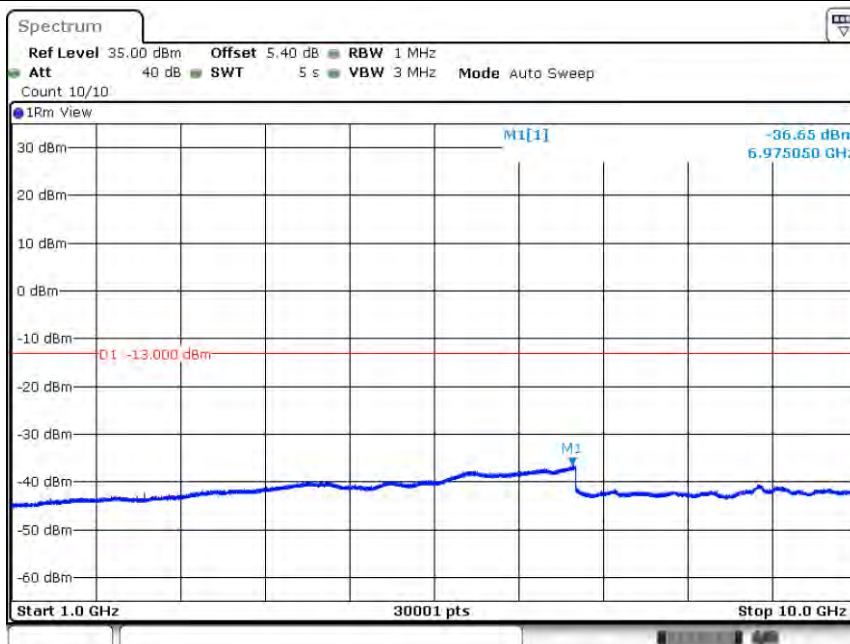
Date: 5.FEB.2021 16:49:22



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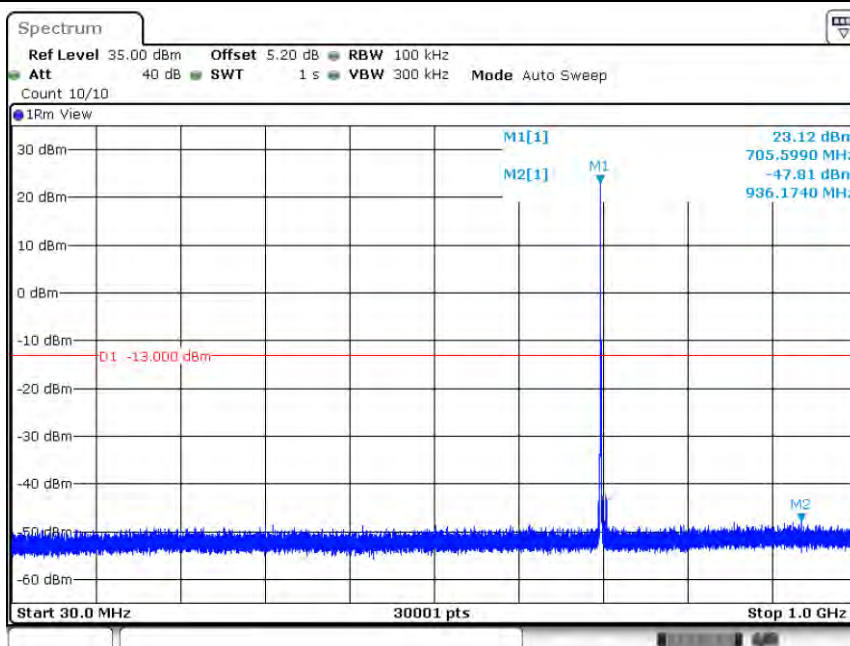
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Band17-10MHz-64QAM-23780-1RB#0-Range2:1000~10000MHz



Date: 5.FEB.2021 16:50:29

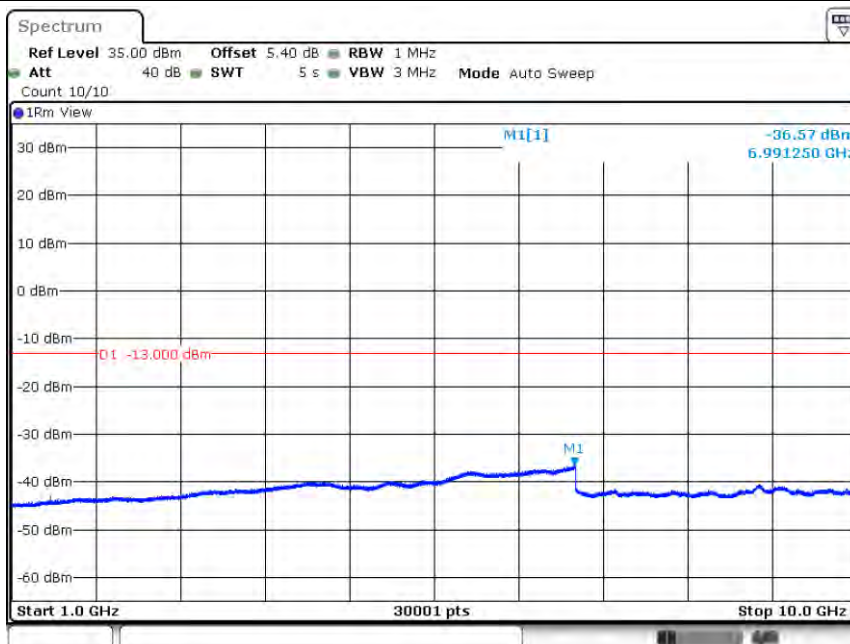
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Date: 5.FEB.2021 16:50:49

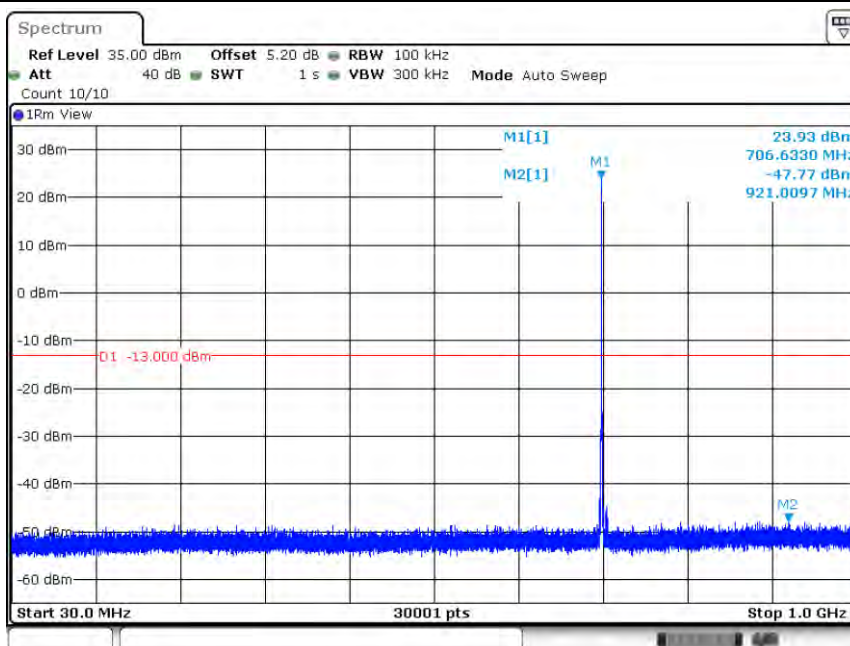


Band17-10MHz-64QAM-23790-1RB#0-Range2:1000~10000MHz



Date: 5.FEB.2021 16:51:56

Band17-10MHz-64QAM-23800-1RB#0-Range1:30~1000MHz



Date: 5.FEB.2021 16:52:16



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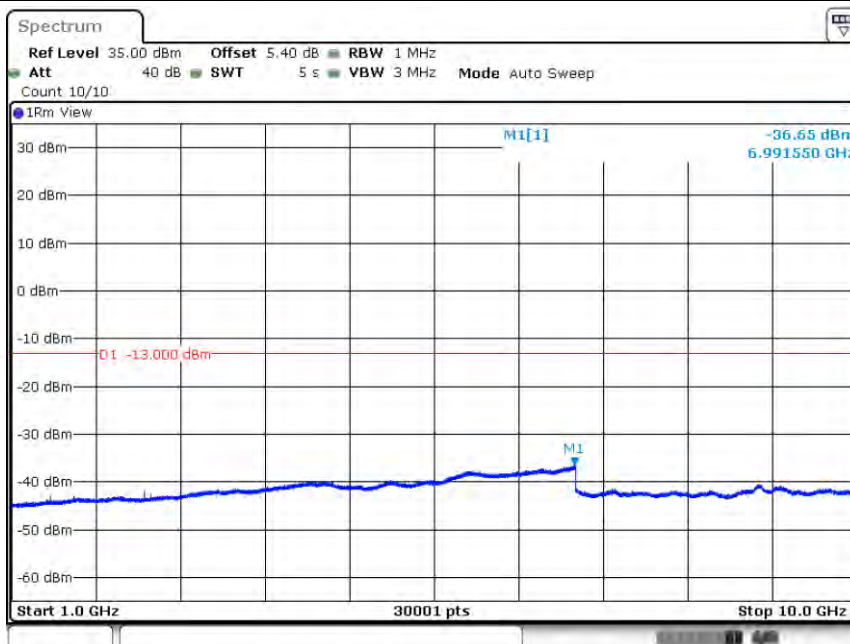
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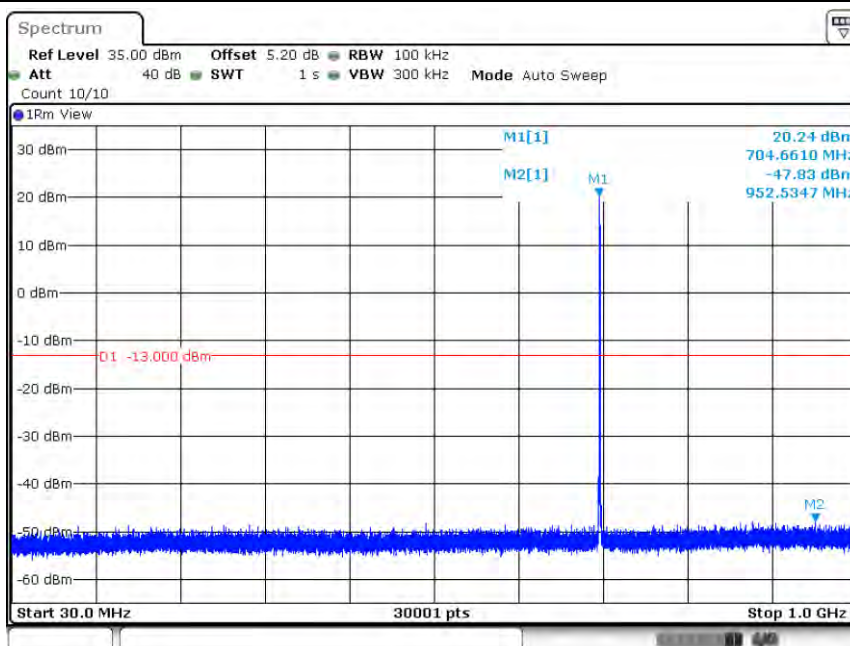


Band17-10MHz-64QAM-23800-1RB#0-Range2:1000~10000MHz



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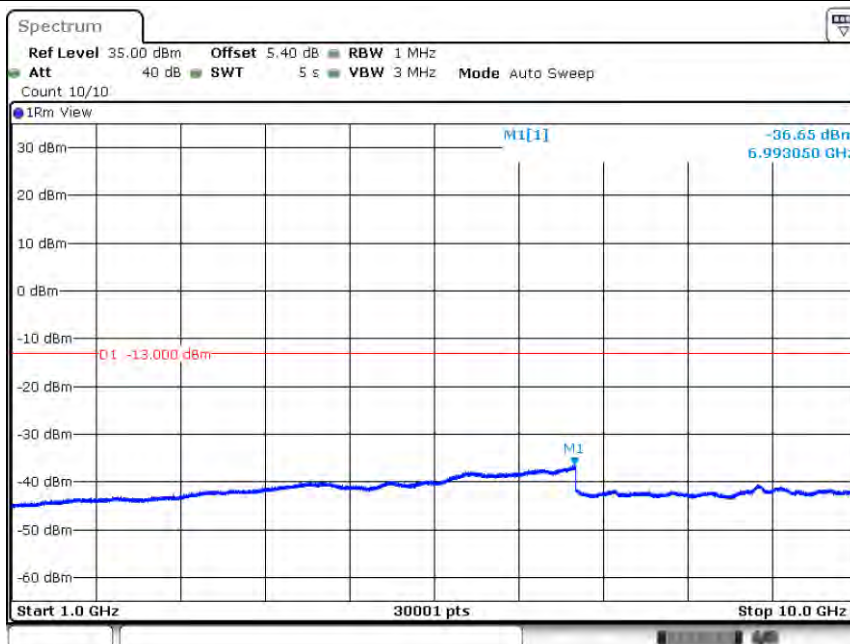
Band17-10MHz-256QAM-23780-1RB#0-Range1:30~1000MHz



Date: 1.MAR.2021 14:01:44

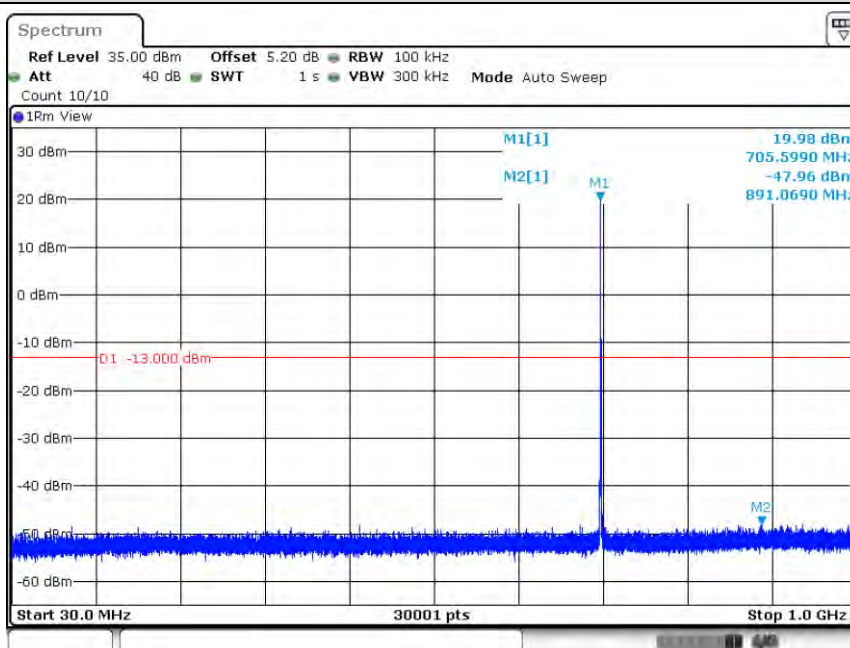


Band17-10MHz-256QAM-23780-1RB#0-Range2:1000~10000MHz



Date: 1, MAR 2021 14:02:51

Band17-10MHz-256QAM-23790-1RB#0-Range1:30~1000MHz



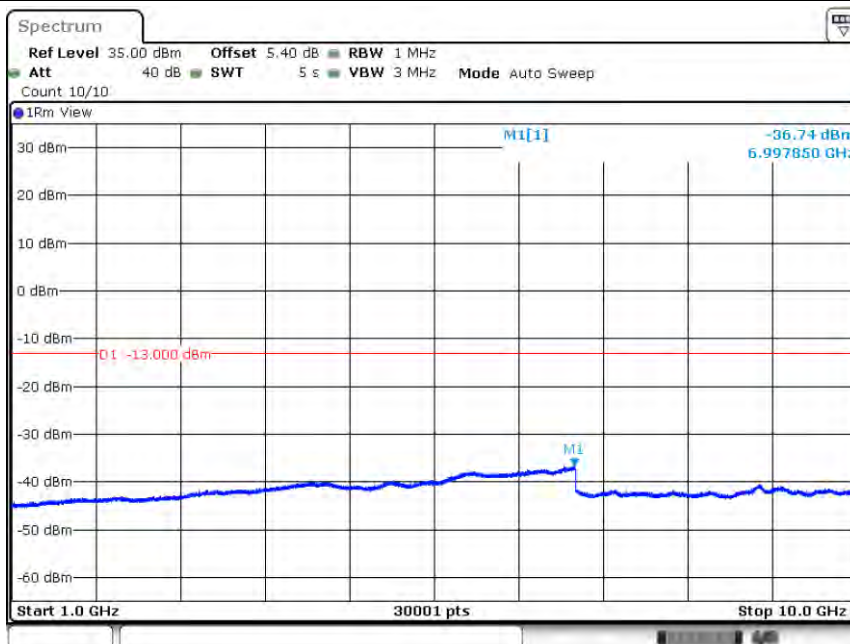
Date: 1, MAR 2021 14:03:12



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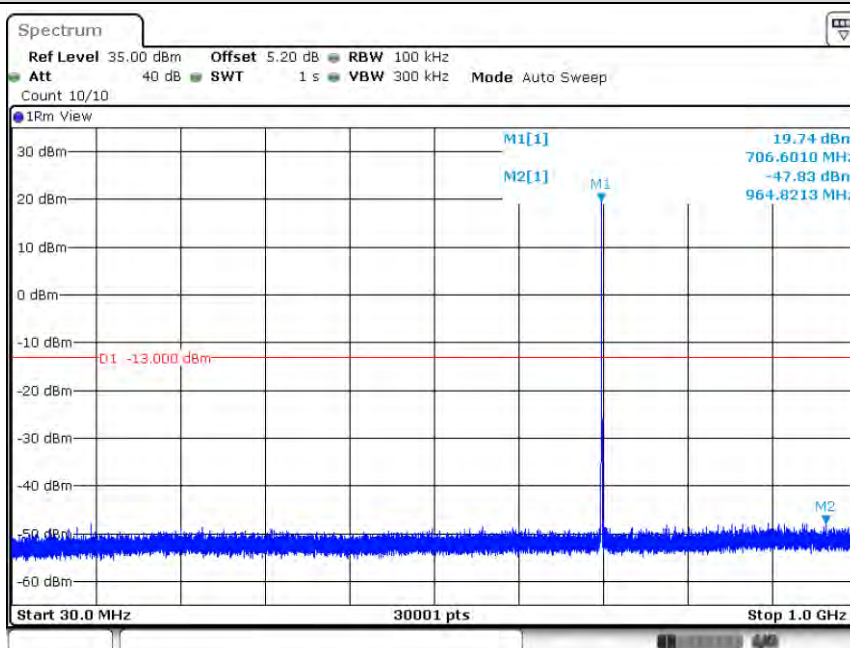
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Band17-10MHz-256QAM-23790-1RB#0-Range2:1000~10000MHz



Date: 1, MAR 2021 14:04:20

Band17-10MHz-256QAM-23800-1RB#0-Range1:30~1000MHz



Date: 1, MAR 2021 14:05:16

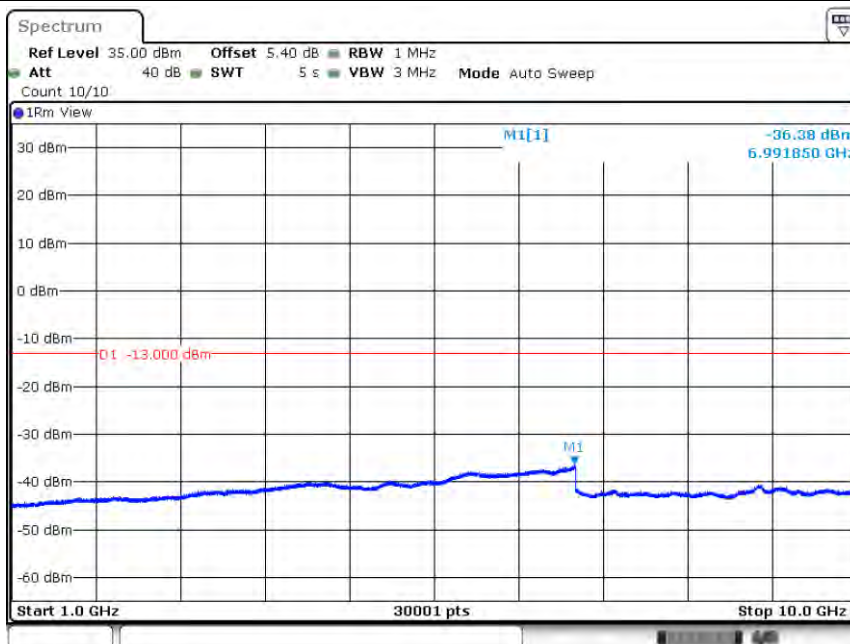


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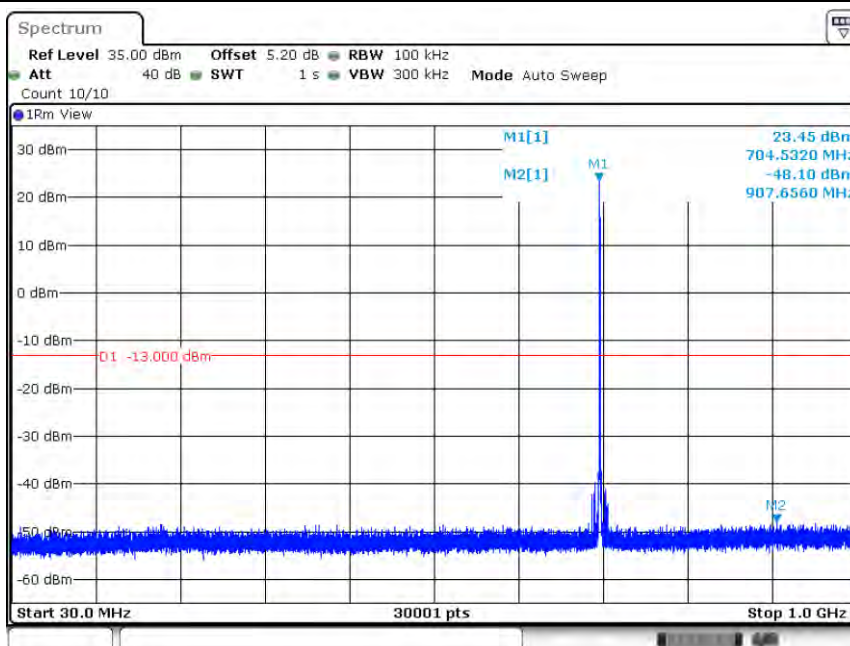


Band17-10MHz-256QAM-23800-1RB#0-Range2:1000~10000MHz



Date: 1, MAR 2021 14:06:23

Band17-10MHz-16QAM-23780-1RB#0-Range1:30~1000MHz



Date: 5, FEB 2021 15:59:35



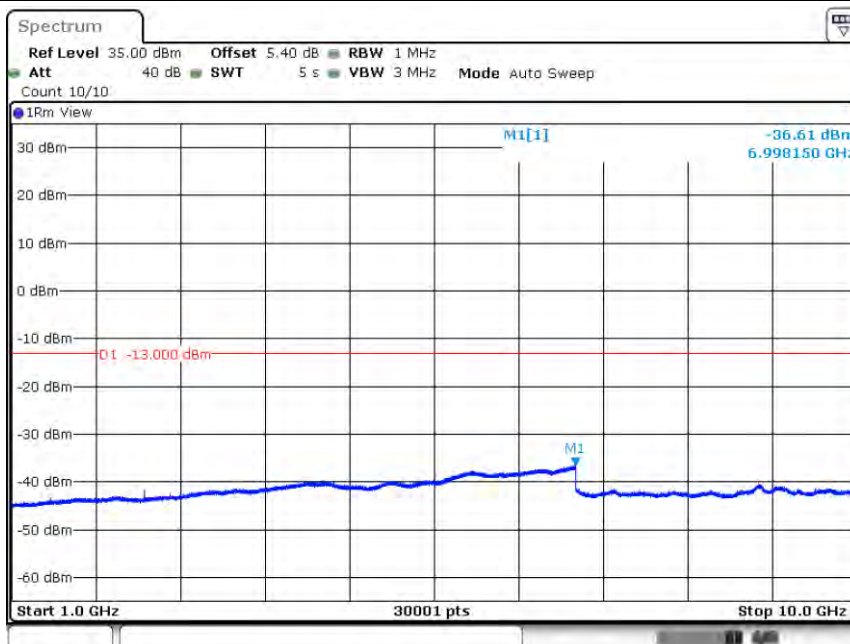
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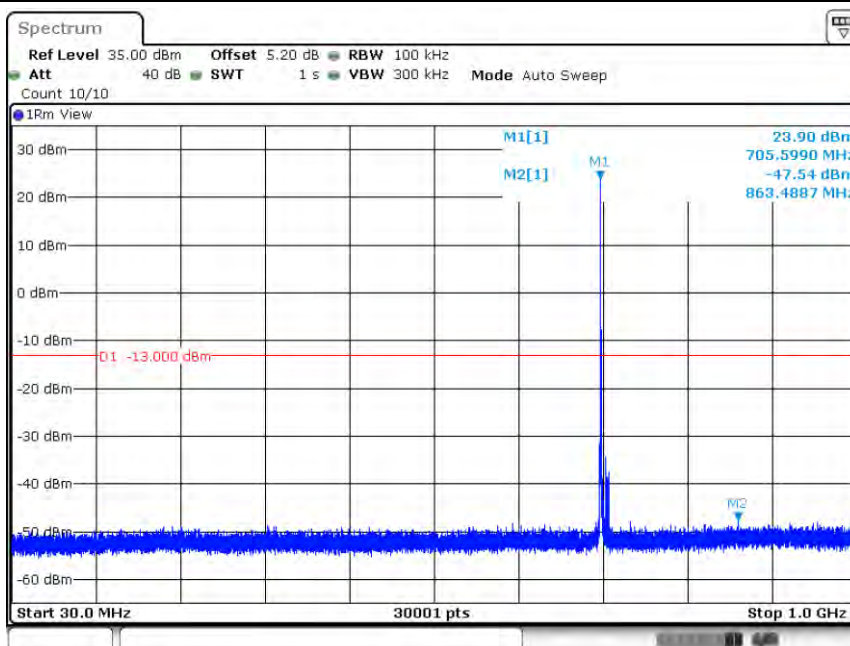
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Band17-10MHz-16QAM-23780-1RB#0-Range2:1000~10000MHz



Date: 5.FEB.2021 16:00:42

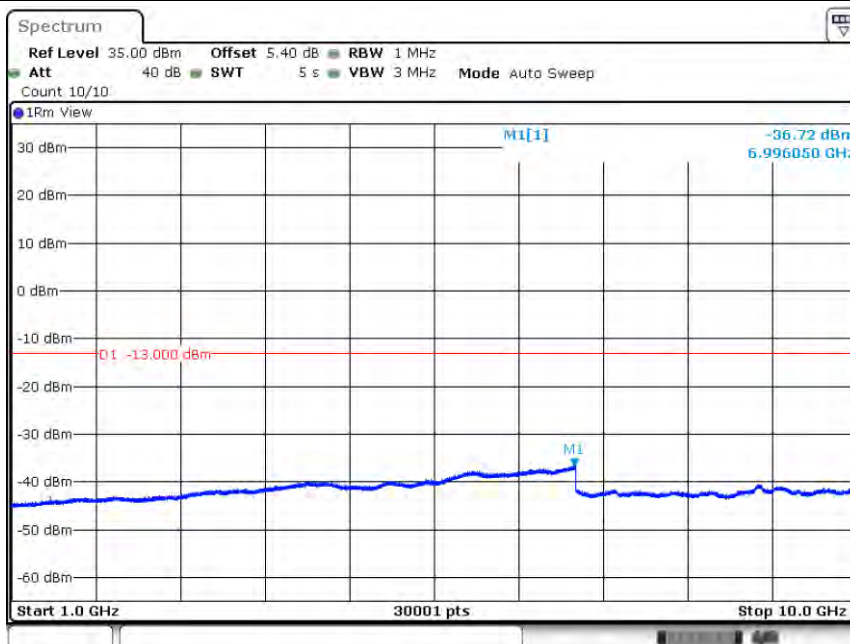
Band17-10MHz-16QAM-23790-1RB#0-Range1:30~1000MHz



Date: 5.FEB.2021 16:02:29

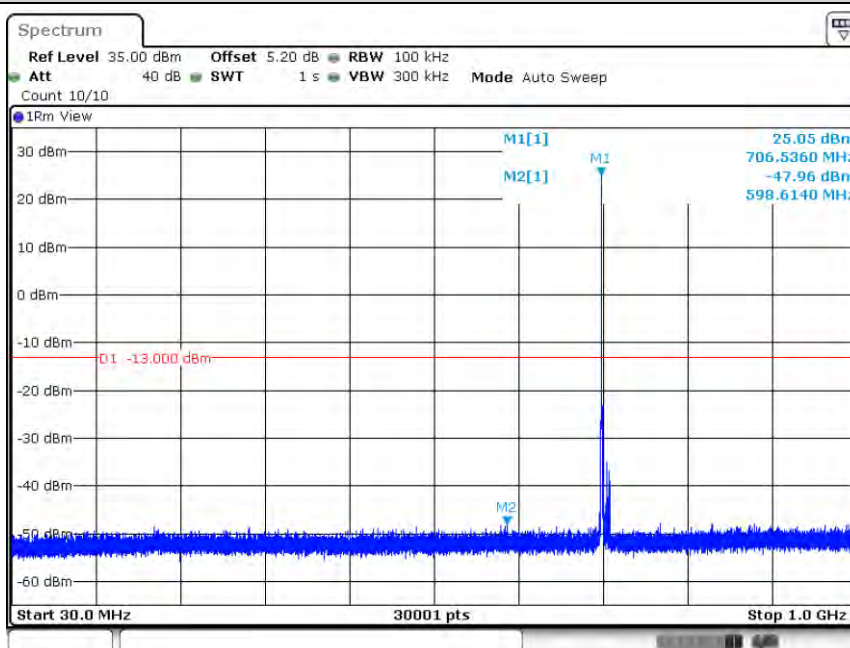


Band17-10MHz-16QAM-23790-1RB#0-Range2:1000~10000MHz



Date: 5.FEB.2021 16:03:36

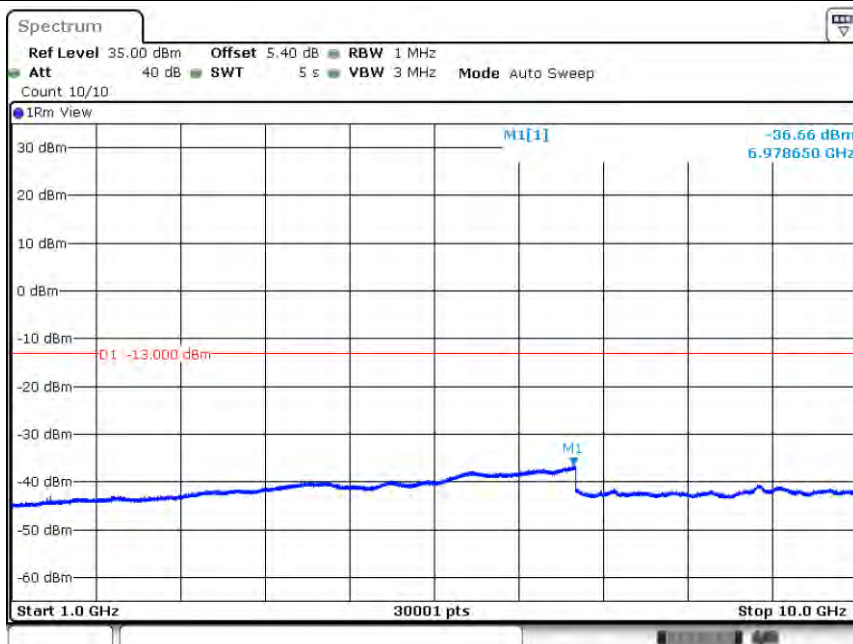
Band17-10MHz-16QAM-23800-1RB#0-Range1:30~1000MHz



Date: 5.FEB.2021 16:05:23



Band17-10MHz-16QAM-23800-1RB#0-Range2:1000~10000MHz



Date: 5.FEB.2021 16:06:30



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7. Field Strength of Spurious Radiation

1.1. Test Band = LTE_17_TM1 ANT10

1.1.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.0472	-69.67	-62.75	-13.00	49.75	Horizontal
2	236.7173	-70.00	-67.20	-13.00	54.20	Horizontal
3	1408.8818	-56.37	-54.11	-13.00	41.11	Horizontal
4	3000.0000	-69.10	-55.50	-13.00	42.50	Horizontal
5	5070.9628	-54.15	-60.93	-13.00	47.93	Horizontal
6	9304.1722	-57.61	-51.71	-13.00	38.71	Horizontal





1.2. Test Band = LTE_17_TM1 ANT10

1.2.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	52.9416	-70.28	-71.66	-13.00	58.66	Vertical
2	109.5440	-70.62	-64.32	-13.00	51.32	Vertical
3	347.8364	-70.92	-68.58	-13.00	55.58	Vertical
4	993.4522	-72.72	-56.84	-13.00	43.84	Vertical
5	1408.8818	-62.56	-59.84	-13.00	46.84	Vertical
6	9315.0926	-57.66	-51.70	-13.00	38.70	Vertical



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1.3. Test Band = LTE_17_TM1 ANT10

1.3.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.7190	-70.75	-63.95	-13.00	50.95	Horizontal
2	236.4263	-70.79	-67.99	-13.00	54.99	Horizontal
3	1411.2823	-58.92	-56.63	-13.00	43.63	Horizontal
4	2117.0234	-62.15	-54.24	-13.00	41.24	Horizontal
5	7323.6529	-55.93	-56.18	-13.00	43.18	Horizontal
6	9300.8120	-57.43	-51.50	-13.00	38.50	Horizontal



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1.4. Test Band = LTE_17_TM1 ANT10

1.4.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	37.0329	-65.91	-73.98	-13.00	60.98	Vertical
2	112.5511	-71.09	-64.90	-13.00	51.90	Vertical
3	381.3516	-71.22	-67.96	-13.00	54.96	Vertical
4	1411.2823	-62.13	-59.39	-13.00	46.39	Vertical
5	2117.0234	-63.43	-55.49	-13.00	42.49	Vertical
6	8004.6402	-56.34	-54.63	-13.00	41.63	Vertical



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1.5. Test Band = LTE_17_TM1 ANT10

1.5.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.5921	-70.78	-63.94	-13.00	50.94	Horizontal
2	228.1809	-70.40	-67.90	-13.00	54.90	Horizontal
3	1413.2827	-58.61	-56.29	-13.00	43.29	Horizontal
4	2119.8240	-61.73	-53.79	-13.00	40.79	Horizontal
5	7003.6001	-54.97	-56.84	-13.00	43.84	Horizontal
6	9313.6925	-57.29	-51.48	-13.00	38.48	Horizontal



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1.6. Test Band = LTE_17_TM1 ANT10

1.6.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.0657	-70.24	-73.33	-13.00	60.33	Vertical
2	107.0704	-70.04	-64.31	-13.00	51.31	Vertical
3	1413.2827	-63.01	-60.25	-13.00	47.25	Vertical
4	2119.8240	-63.00	-55.02	-13.00	42.02	Vertical
5	8027.8811	-56.09	-54.56	-13.00	41.56	Vertical
6	9840.9536	-57.36	-50.88	-13.00	37.88	Vertical

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance above 18GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.



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8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band17	10MHz	QPSK	23780	50RB#0	VL	NT	-6.20	-0.008745	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VN	NT	2.10	0.002962	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VH	NT	-5.50	-0.007757	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VL	NT	1.50	0.002113	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VN	NT	1.50	0.002113	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VH	NT	0.70	0.000986	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VL	NT	1.40	0.001969	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VN	NT	0.20	0.000281	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VH	NT	1.10	0.001547	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	VL	NT	-6.40	-0.009027	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	VN	NT	-5.70	-0.008039	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	VH	NT	-4.00	-0.005642	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	VL	NT	-2.50	-0.003521	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	VN	NT	-3.80	-0.005352	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	VH	NT	-1.50	-0.002113	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	VL	NT	0.00	0.000000	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	VN	NT	1.40	0.001969	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	VH	NT	-0.30	-0.000422	±2.5	PASS
Band17	10MHz	256QAM	23780	50RB#0	VL	NT	-4.80	-0.006770	±2.5	PASS
Band17	10MHz	256QAM	23780	50RB#0	VN	NT	2.10	0.002962	±2.5	PASS
Band17	10MHz	256QAM	23780	50RB#0	VH	NT	-2.70	-0.003808	±2.5	PASS
Band17	10MHz	256QAM	23790	50RB#0	VL	NT	-5.70	-0.008028	±2.5	PASS
Band17	10MHz	256QAM	23790	50RB#0	VN	NT	-2.90	-0.004085	±2.5	PASS
Band17	10MHz	256QAM	23790	50RB#0	VH	NT	1.30	0.001831	±2.5	PASS
Band17	10MHz	256QAM	23800	50RB#0	VL	NT	1.70	0.002391	±2.5	PASS
Band17	10MHz	256QAM	23800	50RB#0	VN	NT	-1.50	-0.002110	±2.5	PASS
Band17	10MHz	256QAM	23800	50RB#0	VH	NT	-3.00	-0.004219	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VL	NT	0.80	0.001128	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VN	NT	1.90	0.002680	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VH	NT	1.20	0.001693	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VL	NT	0.60	0.000845	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VN	NT	2.30	0.003239	±2.5	PASS



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Band17	10MHz	16QAM	23790	50RB#0	VH	NT	-1.00	-0.001408	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VL	NT	1.30	0.001828	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VN	NT	1.50	0.002110	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VH	NT	0.20	0.000281	±2.5	PASS

8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band17	10MHz	QPSK	23780	50RB#0	NV	-30	-6.20	-0.008745	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-20	-1.00	-0.001410	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-10	-0.20	-0.000282	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	0	-2.90	-0.004090	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	10	-4.80	-0.006770	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	20	-2.60	-0.003667	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	30	0.20	0.000282	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	40	-1.40	-0.001975	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	50	-2.90	-0.004090	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-30	0.00	0.000000	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-20	-0.10	-0.000141	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	1.80	0.002535	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	3.20	0.004507	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	1.70	0.002394	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	-1.30	-0.001831	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	-3.40	-0.004789	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	-4.70	-0.006620	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	3.00	0.004225	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-30	0.60	0.000844	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-20	-0.40	-0.000563	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-10	-2.10	-0.002954	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	0	-3.60	-0.005063	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	10	0.70	0.000985	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	20	3.20	0.004501	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	30	2.30	0.003235	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	40	1.90	0.002672	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	50	2.60	0.003657	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	-30	0.90	0.001269	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	-20	1.10	0.001551	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	-10	0.30	0.000423	±2.5	PASS



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Band17	10MHz	64QAM	23780	50RB#0	NV	0	-0.20	-0.000282	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	10	-0.10	-0.000141	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	20	-0.80	-0.001128	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	30	-1.40	-0.001975	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	40	-2.30	-0.003244	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	50	-2.60	-0.003667	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	-30	-0.40	-0.000563	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	-20	-0.30	-0.000423	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	-10	-1.20	-0.001690	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	0	-1.70	-0.002394	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	10	-3.00	-0.004225	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	20	-2.70	-0.003803	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	30	-0.90	-0.001268	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	40	-1.50	-0.002113	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	50	-0.90	-0.001268	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	-30	-0.70	-0.000985	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	-20	-1.70	-0.002391	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	-10	-2.20	-0.003094	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	0	-1.90	-0.002672	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	10	-1.80	-0.002532	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	20	-2.60	-0.003657	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	30	-4.60	-0.006470	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	40	-3.80	-0.005345	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	50	-0.50	-0.000703	±2.5	PASS
Band17	10MHz	256QAM	23780	50RB#0	NV	-30	-2.80	-0.003949	±2.5	PASS
Band17	10MHz	256QAM	23780	50RB#0	NV	-20	-5.90	-0.008322	±2.5	PASS
Band17	10MHz	256QAM	23780	50RB#0	NV	-10	-4.50	-0.006347	±2.5	PASS
Band17	10MHz	256QAM	23780	50RB#0	NV	0	-3.40	-0.004795	±2.5	PASS
Band17	10MHz	256QAM	23780	50RB#0	NV	10	-2.10	-0.002962	±2.5	PASS
Band17	10MHz	256QAM	23780	50RB#0	NV	20	-2.90	-0.004090	±2.5	PASS
Band17	10MHz	256QAM	23780	50RB#0	NV	30	-5.90	-0.008322	±2.5	PASS
Band17	10MHz	256QAM	23780	50RB#0	NV	40	-3.10	-0.004372	±2.5	PASS
Band17	10MHz	256QAM	23780	50RB#0	NV	50	4.30	0.006056	±2.5	PASS
Band17	10MHz	256QAM	23790	50RB#0	NV	-30	-2.40	-0.003380	±2.5	PASS
Band17	10MHz	256QAM	23790	50RB#0	NV	-20	2.40	0.003380	±2.5	PASS
Band17	10MHz	256QAM	23790	50RB#0	NV	-10	-2.40	-0.003380	±2.5	PASS
Band17	10MHz	256QAM	23790	50RB#0	NV	0	1.10	0.001549	±2.5	PASS
Band17	10MHz	256QAM	23790	50RB#0	NV	10	1.80	0.002535	±2.5	PASS



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Band17	10MHz	256QAM	23790	50RB#0	NV	20	1.80	0.002535	±2.5	PASS
Band17	10MHz	256QAM	23790	50RB#0	NV	30	1.50	0.002113	±2.5	PASS
Band17	10MHz	256QAM	23790	50RB#0	NV	40	0.60	0.000844	±2.5	PASS
Band17	10MHz	256QAM	23790	50RB#0	NV	50	-0.70	-0.000985	±2.5	PASS
Band17	10MHz	256QAM	23800	50RB#0	NV	-30	-3.20	-0.004501	±2.5	PASS
Band17	10MHz	256QAM	23800	50RB#0	NV	-20	3.40	0.004782	±2.5	PASS
Band17	10MHz	256QAM	23800	50RB#0	NV	-10	1.10	0.001547	±2.5	PASS
Band17	10MHz	256QAM	23800	50RB#0	NV	0	-4.30	-0.006048	±2.5	PASS
Band17	10MHz	256QAM	23800	50RB#0	NV	10	-0.40	-0.000563	±2.5	PASS
Band17	10MHz	256QAM	23800	50RB#0	NV	20	0.40	0.000563	±2.5	PASS
Band17	10MHz	256QAM	23800	50RB#0	NV	30	-2.80	-0.003949	±2.5	PASS
Band17	10MHz	256QAM	23800	50RB#0	NV	40	-5.90	-0.008322	±2.5	PASS
Band17	10MHz	256QAM	23800	50RB#0	NV	50	-4.50	-0.006347	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-30	-0.20	-0.000282	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-20	-1.90	-0.002680	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-10	-3.00	-0.004231	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	0	-1.30	-0.001834	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	10	-3.40	-0.004795	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	20	-3.80	-0.005360	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	30	-5.00	-0.007052	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	40	-5.30	-0.007475	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	50	-5.00	-0.007052	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-30	-3.50	-0.004930	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-20	-4.60	-0.006479	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-10	3.70	0.005211	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	0	4.30	0.006056	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	10	3.10	0.004366	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	20	2.80	0.003944	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	30	2.80	0.003944	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	40	3.20	0.004507	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	50	2.40	0.003380	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-30	-1.30	-0.001828	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-20	-2.10	-0.002954	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-10	-2.30	-0.003235	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	0	-2.10	-0.002954	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	10	-2.30	-0.003235	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	20	-1.90	-0.002672	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	30	-1.90	-0.002672	±2.5	PASS



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Band17	10MHz	16QAM	23800	50RB#0	NV	40	-2.00	-0.002813	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	50	-3.20	-0.004501	±2.5	PASS



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