



Appendix B

E-UTRA Band 26 (824-849)



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CONTENT

1	EFFECTIVE (ISOTROPIC) RADIATED POWER.....	3
1.1.	TEST RESULT.....	3
2.	PEAK-TO-AVERAGE RATIO (CCDF).....	10
2.1.	TEST RESULT.....	10
2.2.	TEST PLOTS.....	10
3.	MODULATION CHARACTERISTICS.....	14
3.1.	TEST MODE = LTE /TM1.....	14
3.1.1.	TEST CHANNEL = MCH.....	14
3.2.	TEST MODE = LTE /TM2.....	15
3.2.1.	TEST CHANNEL = MCH.....	15
4.	26DB BANDWIDTH AND OCCUPIED BANDWIDTH.....	16
4.1.	TEST RESULT.....	16
4.2.	TEST PLOTS.....	17
5.	BAND EDGE COMPLIANCE.....	32
5.1.	TEST PLOTS.....	32
6.	SPURIOUS EMISSION AT ANTENNA TERMINAL.....	53
6.1.	TEST PLOTS.....	53
7.	FIELD STRENGTH OF SPURIOUS RADIATION.....	60
7.1.	TEST MODE =LTE/TM1 15MHz.....	60
7.1.1.	TEST CHANNEL = LCH.....	60
7.1.2.	TEST CHANNEL = MCH.....	60
7.1.3.	TEST CHANNEL = HCH.....	61
8.	FREQUENCY STABILITY.....	62
8.1.	FREQUENCY VS VOLTAGE.....	62
8.2.	FREQUENCY VS TEMPERATURE.....	63



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth h	Modulation	Channel	RB Configuration	Conducted Power(dBm)	ERP (dBm)	limit (dBm)	Verdict
Band26	1.4MHz	QPSK	26797	1RB#0	23.23	21.58	38.45	PASS
Band26	1.4MHz	QPSK	26797	1RB#2	23.19	21.54	38.45	PASS
Band26	1.4MHz	QPSK	26797	1RB#5	23.11	21.46	38.45	PASS
Band26	1.4MHz	QPSK	26797	3RB#0	23.17	21.52	38.45	PASS
Band26	1.4MHz	QPSK	26797	3RB#1	23.38	21.73	38.45	PASS
Band26	1.4MHz	QPSK	26797	3RB#3	23.29	21.64	38.45	PASS
Band26	1.4MHz	QPSK	26797	6RB#0	22.27	20.62	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#2	23.18	21.53	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#5	23.09	21.44	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#0	23.12	21.47	38.45	PASS
Band26	1.4MHz	QPSK	26915	3RB#0	23.14	21.49	38.45	PASS
Band26	1.4MHz	QPSK	26915	3RB#1	23.19	21.54	38.45	PASS
Band26	1.4MHz	QPSK	26915	3RB#3	23.15	21.5	38.45	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	22.20	20.55	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#0	22.97	21.32	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#5	23.06	21.41	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#2	23.08	21.43	38.45	PASS
Band26	1.4MHz	QPSK	27033	3RB#0	23.06	21.41	38.45	PASS
Band26	1.4MHz	QPSK	27033	3RB#1	23.16	21.51	38.45	PASS
Band26	1.4MHz	QPSK	27033	3RB#3	23.26	21.61	38.45	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	22.19	20.54	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#0	21.87	20.22	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#5	22.12	20.47	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#2	22.02	20.37	38.45	PASS
Band26	1.4MHz	16QAM	26797	3RB#1	22.45	20.8	38.45	PASS
Band26	1.4MHz	16QAM	26797	3RB#0	22.13	20.48	38.45	PASS
Band26	1.4MHz	16QAM	26797	3RB#3	22.31	20.66	38.45	PASS



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Band26	1.4MHz	16QAM	26797	6RB#0	21.15	19.5	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#2	22.38	20.73	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#0	22.27	20.62	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#5	21.59	19.94	38.45	PASS
Band26	1.4MHz	16QAM	26915	3RB#3	22.31	20.66	38.45	PASS
Band26	1.4MHz	16QAM	26915	3RB#0	22.12	20.47	38.45	PASS
Band26	1.4MHz	16QAM	26915	3RB#1	22.60	20.95	38.45	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	21.16	19.51	38.45	PASS
Band26	1.4MHz	16QAM	27033	1RB#5	21.53	19.88	38.45	PASS
Band26	1.4MHz	16QAM	27033	1RB#2	21.68	20.03	38.45	PASS
Band26	1.4MHz	16QAM	27033	1RB#0	21.87	20.22	38.45	PASS
Band26	1.4MHz	16QAM	27033	3RB#1	22.19	20.54	38.45	PASS
Band26	1.4MHz	16QAM	27033	3RB#0	22.26	20.61	38.45	PASS
Band26	1.4MHz	16QAM	27033	3RB#3	22.34	20.69	38.45	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	21.09	19.44	38.45	PASS
Band26	3MHz	QPSK	26805	1RB#8	22.92	21.27	38.45	PASS
Band26	3MHz	QPSK	26805	1RB#14	22.80	21.15	38.45	PASS
Band26	3MHz	QPSK	26805	1RB#0	23.21	21.56	38.45	PASS
Band26	3MHz	QPSK	26805	8RB#4	22.26	20.61	38.45	PASS
Band26	3MHz	QPSK	26805	8RB#0	22.11	20.46	38.45	PASS
Band26	3MHz	QPSK	26805	8RB#7	22.16	20.51	38.45	PASS
Band26	3MHz	QPSK	26805	15RB#0	22.33	20.68	38.45	PASS
Band26	3MHz	QPSK	26915	1RB#14	23.07	21.42	38.45	PASS
Band26	3MHz	QPSK	26915	1RB#8	23.21	21.56	38.45	PASS
Band26	3MHz	QPSK	26915	1RB#0	23.16	21.51	38.45	PASS
Band26	3MHz	QPSK	26915	8RB#4	22.30	20.65	38.45	PASS
Band26	3MHz	QPSK	26915	8RB#7	22.25	20.6	38.45	PASS
Band26	3MHz	QPSK	26915	8RB#0	22.23	20.58	38.45	PASS
Band26	3MHz	QPSK	26915	15RB#0	22.26	20.61	38.45	PASS
Band26	3MHz	QPSK	27025	1RB#8	23.06	21.41	38.45	PASS
Band26	3MHz	QPSK	27025	1RB#14	22.84	21.19	38.45	PASS
Band26	3MHz	QPSK	27025	1RB#0	23.23	21.58	38.45	PASS
Band26	3MHz	QPSK	27025	8RB#7	22.00	20.35	38.45	PASS



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Band26	3MHz	QPSK	27025	8RB#4	22.17	20.52	38.45	PASS
Band26	3MHz	QPSK	27025	8RB#0	22.26	20.61	38.45	PASS
Band26	3MHz	QPSK	27025	15RB#0	22.14	20.49	38.45	PASS
Band26	3MHz	16QAM	26805	1RB#14	21.90	20.25	38.45	PASS
Band26	3MHz	16QAM	26805	1RB#8	21.65	20	38.45	PASS
Band26	3MHz	16QAM	26805	1RB#0	22.06	20.41	38.45	PASS
Band26	3MHz	16QAM	26805	8RB#4	21.14	19.49	38.45	PASS
Band26	3MHz	16QAM	26805	8RB#0	21.12	19.47	38.45	PASS
Band26	3MHz	16QAM	26805	8RB#7	21.06	19.41	38.45	PASS
Band26	3MHz	16QAM	26805	15RB#0	21.38	19.73	38.45	PASS
Band26	3MHz	16QAM	26915	1RB#8	21.90	20.25	38.45	PASS
Band26	3MHz	16QAM	26915	1RB#14	21.72	20.07	38.45	PASS
Band26	3MHz	16QAM	26915	1RB#0	21.57	19.92	38.45	PASS
Band26	3MHz	16QAM	26915	8RB#7	21.45	19.8	38.45	PASS
Band26	3MHz	16QAM	26915	8RB#4	21.23	19.58	38.45	PASS
Band26	3MHz	16QAM	26915	8RB#0	21.33	19.68	38.45	PASS
Band26	3MHz	16QAM	26915	15RB#0	21.29	19.64	38.45	PASS
Band26	3MHz	16QAM	27025	1RB#0	21.58	19.93	38.45	PASS
Band26	3MHz	16QAM	27025	1RB#8	21.65	20	38.45	PASS
Band26	3MHz	16QAM	27025	1RB#14	21.70	20.05	38.45	PASS
Band26	3MHz	16QAM	27025	8RB#7	21.02	19.37	38.45	PASS
Band26	3MHz	16QAM	27025	8RB#4	20.87	19.22	38.45	PASS
Band26	3MHz	16QAM	27025	8RB#0	20.94	19.29	38.45	PASS
Band26	3MHz	16QAM	27025	15RB#0	21.30	19.65	38.45	PASS
Band26	5MHz	QPSK	26815	1RB#0	23.19	21.54	38.45	PASS
Band26	5MHz	QPSK	26815	1RB#24	22.77	21.12	38.45	PASS
Band26	5MHz	QPSK	26815	1RB#12	22.94	21.29	38.45	PASS
Band26	5MHz	QPSK	26815	12RB#0	22.42	20.77	38.45	PASS
Band26	5MHz	QPSK	26815	12RB#13	22.11	20.46	38.45	PASS
Band26	5MHz	QPSK	26815	12RB#6	22.24	20.59	38.45	PASS
Band26	5MHz	QPSK	26815	25RB#0	22.37	20.72	38.45	PASS
Band26	5MHz	QPSK	26915	1RB#24	22.77	21.12	38.45	PASS
Band26	5MHz	QPSK	26915	1RB#0	22.96	21.31	38.45	PASS



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Band26	5MHz	QPSK	26915	1RB#12	23.47	21.82	38.45	PASS
Band26	5MHz	QPSK	26915	12RB#0	22.07	20.42	38.45	PASS
Band26	5MHz	QPSK	26915	12RB#13	22.20	20.55	38.45	PASS
Band26	5MHz	QPSK	26915	12RB#6	22.34	20.69	38.45	PASS
Band26	5MHz	QPSK	26915	25RB#0	22.21	20.56	38.45	PASS
Band26	5MHz	QPSK	27015	1RB#24	22.67	21.02	38.45	PASS
Band26	5MHz	QPSK	27015	1RB#12	23.18	21.53	38.45	PASS
Band26	5MHz	QPSK	27015	1RB#0	23.00	21.35	38.45	PASS
Band26	5MHz	QPSK	27015	12RB#6	22.07	20.42	38.45	PASS
Band26	5MHz	QPSK	27015	12RB#0	22.19	20.54	38.45	PASS
Band26	5MHz	QPSK	27015	12RB#13	21.99	20.34	38.45	PASS
Band26	5MHz	QPSK	27015	25RB#0	22.11	20.46	38.45	PASS
Band26	5MHz	16QAM	26815	1RB#24	22.05	20.4	38.45	PASS
Band26	5MHz	16QAM	26815	1RB#0	21.74	20.09	38.45	PASS
Band26	5MHz	16QAM	26815	1RB#12	22.01	20.36	38.45	PASS
Band26	5MHz	16QAM	26815	12RB#6	20.97	19.32	38.45	PASS
Band26	5MHz	16QAM	26815	12RB#0	21.10	19.45	38.45	PASS
Band26	5MHz	16QAM	26815	12RB#13	21.12	19.47	38.45	PASS
Band26	5MHz	16QAM	26815	25RB#0	21.26	19.61	38.45	PASS
Band26	5MHz	16QAM	26915	1RB#12	22.07	20.42	38.45	PASS
Band26	5MHz	16QAM	26915	1RB#24	21.95	20.3	38.45	PASS
Band26	5MHz	16QAM	26915	1RB#0	21.61	19.96	38.45	PASS
Band26	5MHz	16QAM	26915	12RB#6	21.28	19.63	38.45	PASS
Band26	5MHz	16QAM	26915	12RB#13	21.01	19.36	38.45	PASS
Band26	5MHz	16QAM	26915	12RB#0	21.17	19.52	38.45	PASS
Band26	5MHz	16QAM	26915	25RB#0	21.35	19.7	38.45	PASS
Band26	5MHz	16QAM	27015	1RB#0	21.59	19.94	38.45	PASS
Band26	5MHz	16QAM	27015	1RB#12	21.87	20.22	38.45	PASS
Band26	5MHz	16QAM	27015	1RB#24	21.43	19.78	38.45	PASS
Band26	5MHz	16QAM	27015	12RB#0	20.86	19.21	38.45	PASS
Band26	5MHz	16QAM	27015	12RB#6	20.85	19.2	38.45	PASS
Band26	5MHz	16QAM	27015	12RB#13	21.00	19.35	38.45	PASS
Band26	5MHz	16QAM	27015	25RB#0	21.08	19.43	38.45	PASS



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Band26	10MHz	QPSK	26840	1RB#24	23.33	21.68	38.45	PASS
Band26	10MHz	QPSK	26840	1RB#49	22.71	21.06	38.45	PASS
Band26	10MHz	QPSK	26840	1RB#0	22.94	21.29	38.45	PASS
Band26	10MHz	QPSK	26840	25RB#25	22.09	20.44	38.45	PASS
Band26	10MHz	QPSK	26840	25RB#12	22.26	20.61	38.45	PASS
Band26	10MHz	QPSK	26840	25RB#0	22.35	20.7	38.45	PASS
Band26	10MHz	QPSK	26840	50RB#0	22.20	20.55	38.45	PASS
Band26	10MHz	QPSK	26915	1RB#0	22.70	21.05	38.45	PASS
Band26	10MHz	QPSK	26915	1RB#24	23.90	22.25	38.45	PASS
Band26	10MHz	QPSK	26915	1RB#49	22.48	20.83	38.45	PASS
Band26	10MHz	QPSK	26915	25RB#0	22.21	20.56	38.45	PASS
Band26	10MHz	QPSK	26915	25RB#25	21.95	20.3	38.45	PASS
Band26	10MHz	QPSK	26915	25RB#12	22.46	20.81	38.45	PASS
Band26	10MHz	QPSK	26915	50RB#0	22.09	20.44	38.45	PASS
Band26	10MHz	QPSK	26990	1RB#49	22.75	21.1	38.45	PASS
Band26	10MHz	QPSK	26990	1RB#24	23.02	21.37	38.45	PASS
Band26	10MHz	QPSK	26990	1RB#0	22.91	21.26	38.45	PASS
Band26	10MHz	QPSK	26990	25RB#25	21.85	20.2	38.45	PASS
Band26	10MHz	QPSK	26990	25RB#0	22.41	20.76	38.45	PASS
Band26	10MHz	QPSK	26990	25RB#12	22.11	20.46	38.45	PASS
Band26	10MHz	QPSK	26990	50RB#0	22.11	20.46	38.45	PASS
Band26	10MHz	16QAM	26840	1RB#0	21.69	20.04	38.45	PASS
Band26	10MHz	16QAM	26840	1RB#24	21.78	20.13	38.45	PASS
Band26	10MHz	16QAM	26840	1RB#49	21.55	19.9	38.45	PASS
Band26	10MHz	16QAM	26840	25RB#0	21.27	19.62	38.45	PASS
Band26	10MHz	16QAM	26840	25RB#25	21.25	19.6	38.45	PASS
Band26	10MHz	16QAM	26840	25RB#12	21.21	19.56	38.45	PASS
Band26	10MHz	16QAM	26840	50RB#0	21.24	19.59	38.45	PASS
Band26	10MHz	16QAM	26915	1RB#24	21.91	20.26	38.45	PASS
Band26	10MHz	16QAM	26915	1RB#0	21.70	20.05	38.45	PASS
Band26	10MHz	16QAM	26915	1RB#49	21.50	19.85	38.45	PASS
Band26	10MHz	16QAM	26915	25RB#0	21.24	19.59	38.45	PASS
Band26	10MHz	16QAM	26915	25RB#12	21.23	19.58	38.45	PASS



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Band26	10MHz	16QAM	26915	25RB#25	21.00	19.35	38.45	PASS
Band26	10MHz	16QAM	26915	50RB#0	21.24	19.59	38.45	PASS
Band26	10MHz	16QAM	26990	1RB#24	21.68	20.03	38.45	PASS
Band26	10MHz	16QAM	26990	1RB#0	21.48	19.83	38.45	PASS
Band26	10MHz	16QAM	26990	1RB#49	21.57	19.92	38.45	PASS
Band26	10MHz	16QAM	26990	25RB#12	21.16	19.51	38.45	PASS
Band26	10MHz	16QAM	26990	25RB#0	21.16	19.51	38.45	PASS
Band26	10MHz	16QAM	26990	25RB#25	21.29	19.64	38.45	PASS
Band26	10MHz	16QAM	26990	50RB#0	21.09	19.44	38.45	PASS
Band26	15MHz	QPSK	26865	1RB#74	23.04	21.39	38.45	PASS
Band26	15MHz	QPSK	26865	1RB#0	23.10	21.45	38.45	PASS
Band26	15MHz	QPSK	26865	1RB#38	23.44	21.79	38.45	PASS
Band26	15MHz	QPSK	26865	36RB#0	22.12	20.47	38.45	PASS
Band26	15MHz	QPSK	26865	36RB#18	22.25	20.6	38.45	PASS
Band26	15MHz	QPSK	26865	36RB#39	22.22	20.57	38.45	PASS
Band26	15MHz	QPSK	26865	75RB#0	22.12	20.47	38.45	PASS
Band26	15MHz	QPSK	26915	1RB#74	22.32	20.67	38.45	PASS
Band26	15MHz	QPSK	26915	1RB#38	23.67	22.02	38.45	PASS
Band26	15MHz	QPSK	26915	1RB#0	22.60	20.95	38.45	PASS
Band26	15MHz	QPSK	26915	36RB#39	21.97	20.32	38.45	PASS
Band26	15MHz	QPSK	26915	36RB#0	22.31	20.66	38.45	PASS
Band26	15MHz	QPSK	26915	36RB#18	22.44	20.79	38.45	PASS
Band26	15MHz	QPSK	26915	75RB#0	22.07	20.42	38.45	PASS
Band26	15MHz	QPSK	26965	1RB#74	22.35	20.7	38.45	PASS
Band26	15MHz	QPSK	26965	1RB#38	23.21	21.56	38.45	PASS
Band26	15MHz	QPSK	26965	1RB#0	22.85	21.2	38.45	PASS
Band26	15MHz	QPSK	26965	36RB#18	21.96	20.31	38.45	PASS
Band26	15MHz	QPSK	26965	36RB#39	21.66	20.01	38.45	PASS
Band26	15MHz	QPSK	26965	36RB#0	22.55	20.9	38.45	PASS
Band26	15MHz	QPSK	26965	75RB#0	22.20	20.55	38.45	PASS
Band26	15MHz	16QAM	26865	1RB#0	22.19	20.54	38.45	PASS
Band26	15MHz	16QAM	26865	1RB#74	21.65	20	38.45	PASS
Band26	15MHz	16QAM	26865	1RB#38	21.74	20.09	38.45	PASS



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Band26	15MHz	16QAM	26865	36RB#0	21.19	19.54	38.45	PASS
Band26	15MHz	16QAM	26865	36RB#18	21.27	19.62	38.45	PASS
Band26	15MHz	16QAM	26865	36RB#39	21.17	19.52	38.45	PASS
Band26	15MHz	16QAM	26865	75RB#0	21.28	19.63	38.45	PASS
Band26	15MHz	16QAM	26915	1RB#0	22.09	20.44	38.45	PASS
Band26	15MHz	16QAM	26915	1RB#38	22.27	20.62	38.45	PASS
Band26	15MHz	16QAM	26915	1RB#74	21.96	20.31	38.45	PASS
Band26	15MHz	16QAM	26915	36RB#18	21.18	19.53	38.45	PASS
Band26	15MHz	16QAM	26915	36RB#0	21.08	19.43	38.45	PASS
Band26	15MHz	16QAM	26915	36RB#39	21.10	19.45	38.45	PASS
Band26	15MHz	16QAM	26915	75RB#0	21.12	19.47	38.45	PASS
Band26	15MHz	16QAM	26965	1RB#0	21.99	20.34	38.45	PASS
Band26	15MHz	16QAM	26965	1RB#38	21.55	19.9	38.45	PASS
Band26	15MHz	16QAM	26965	1RB#74	21.69	20.04	38.45	PASS
Band26	15MHz	16QAM	26965	36RB#0	21.18	19.53	38.45	PASS
Band26	15MHz	16QAM	26965	36RB#18	21.22	19.57	38.45	PASS
Band26	15MHz	16QAM	26965	36RB#39	21.15	19.5	38.45	PASS
Band26	15MHz	16QAM	26965	75RB#0	21.07	19.42	38.45	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]



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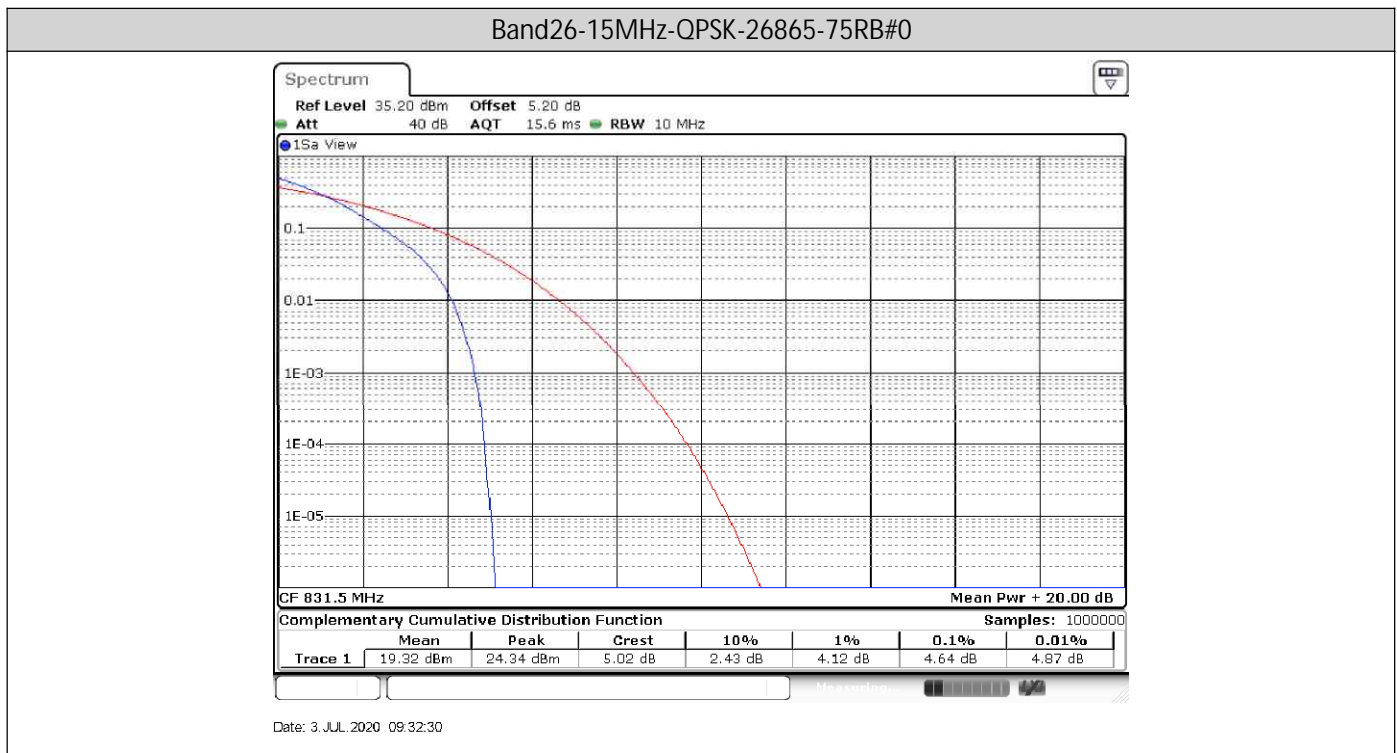


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

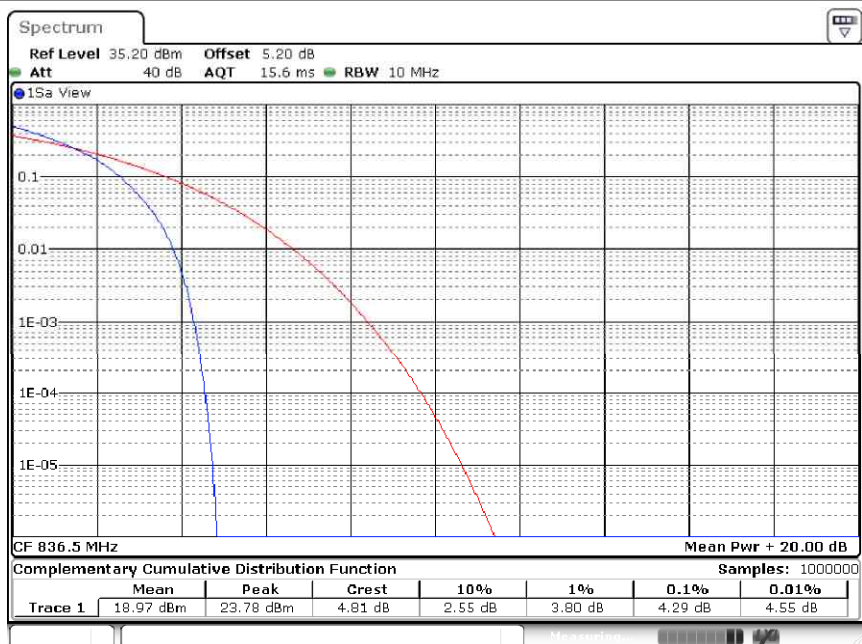
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26	15MHz	QPSK	26865	75RB#0	4.64	13	PASS
Band26	15MHz	QPSK	26915	75RB#0	4.29	13	PASS
Band26	15MHz	QPSK	26965	75RB#0	4.43	13	PASS
Band26	15MHz	16QAM	26865	75RB#0	5.80	13	PASS
Band26	15MHz	16QAM	26915	75RB#0	5.71	13	PASS
Band26	15MHz	16QAM	26965	75RB#0	5.68	13	PASS

2.2. Test Plots



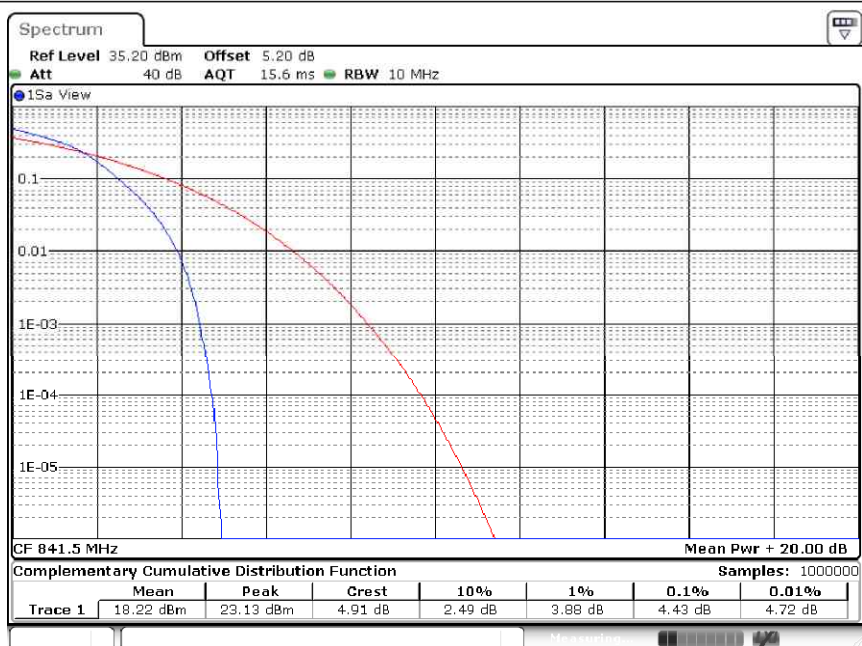


Band26-15MHz-QPSK-26915-75RB#0



Date: 3 JUL 2020 09:32:52

Band26-15MHz-QPSK-26965-75RB#0

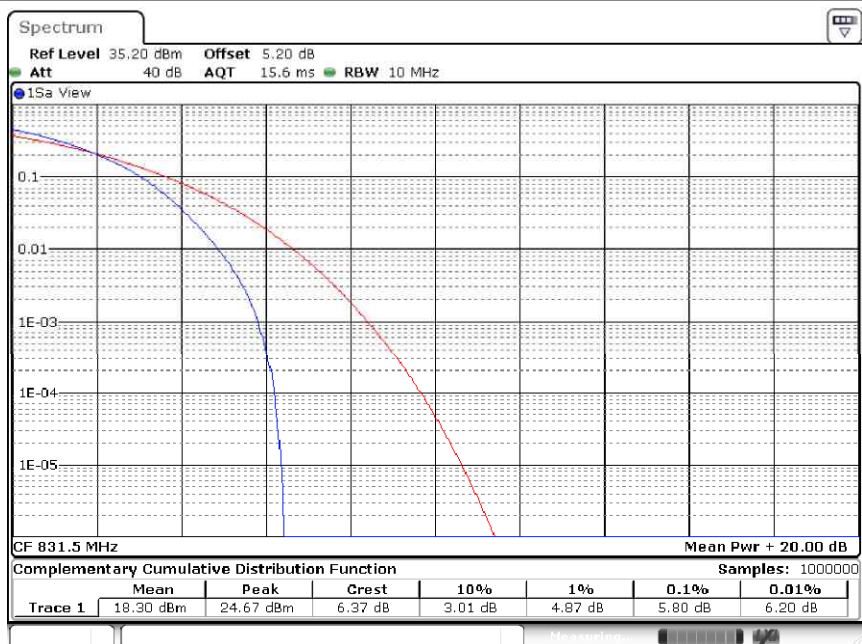


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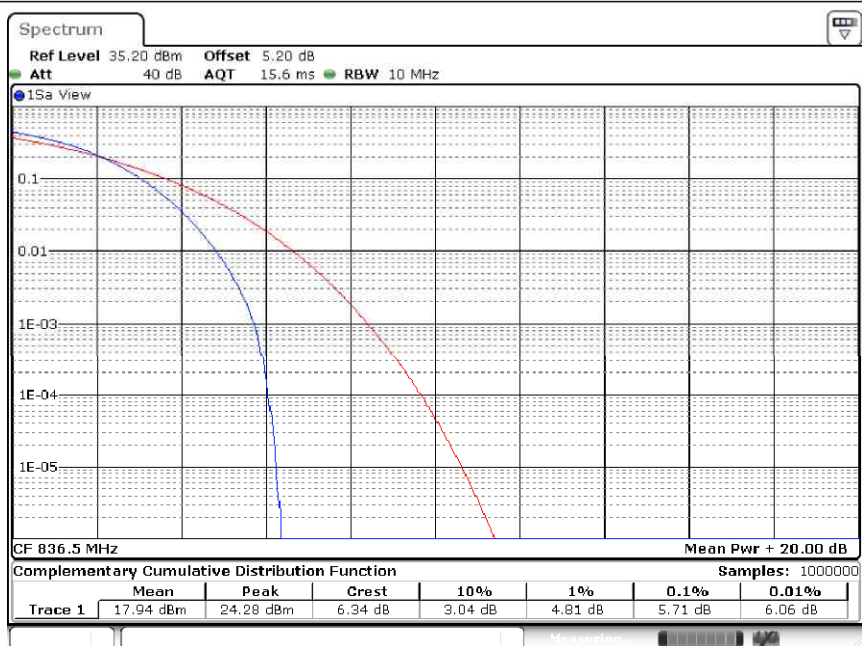


Band26-15MHz-16QAM-26865-75RB#0



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Band26-15MHz-16QAM-26915-75RB#0



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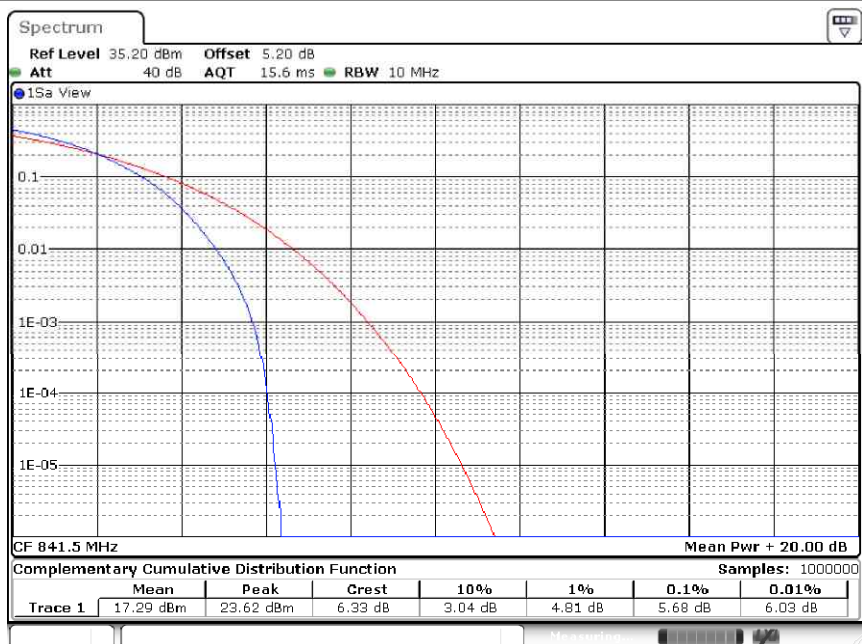
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Band26-15MHz-16QAM-26965-75RB#0



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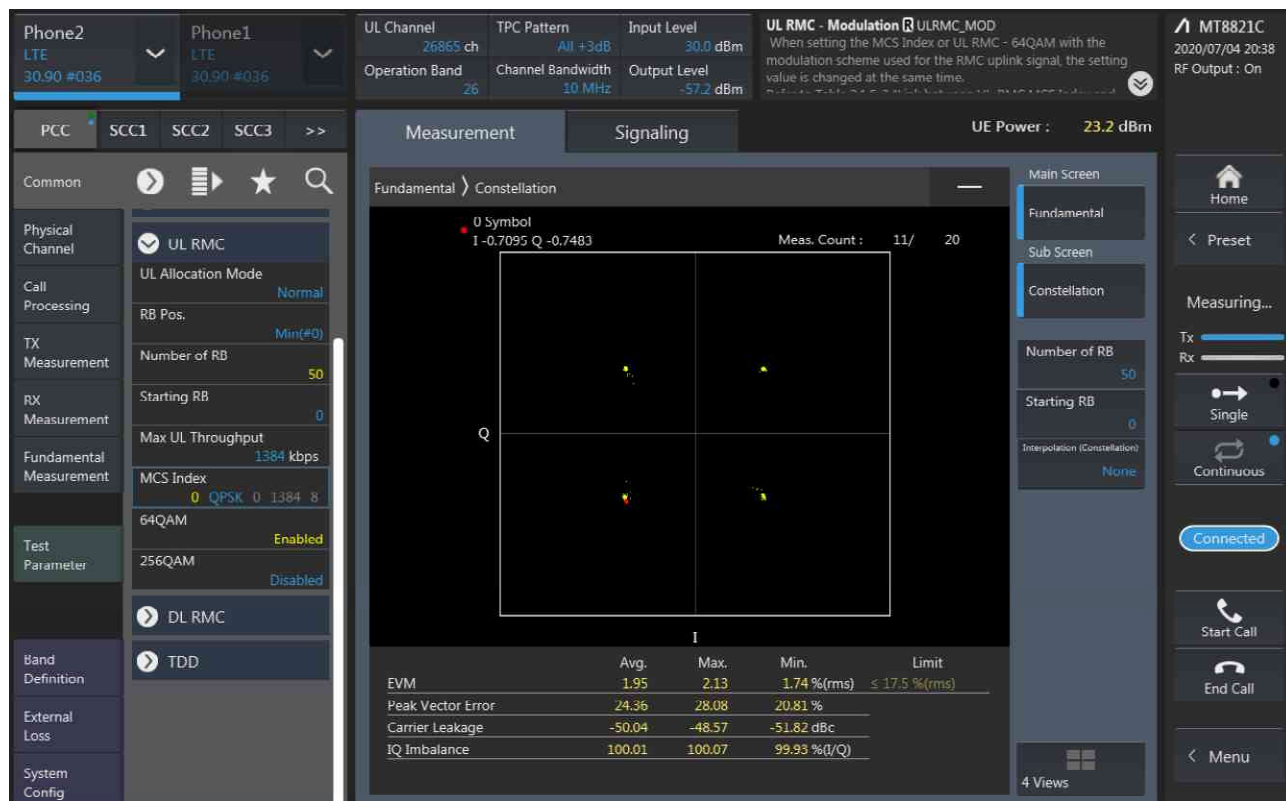
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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1

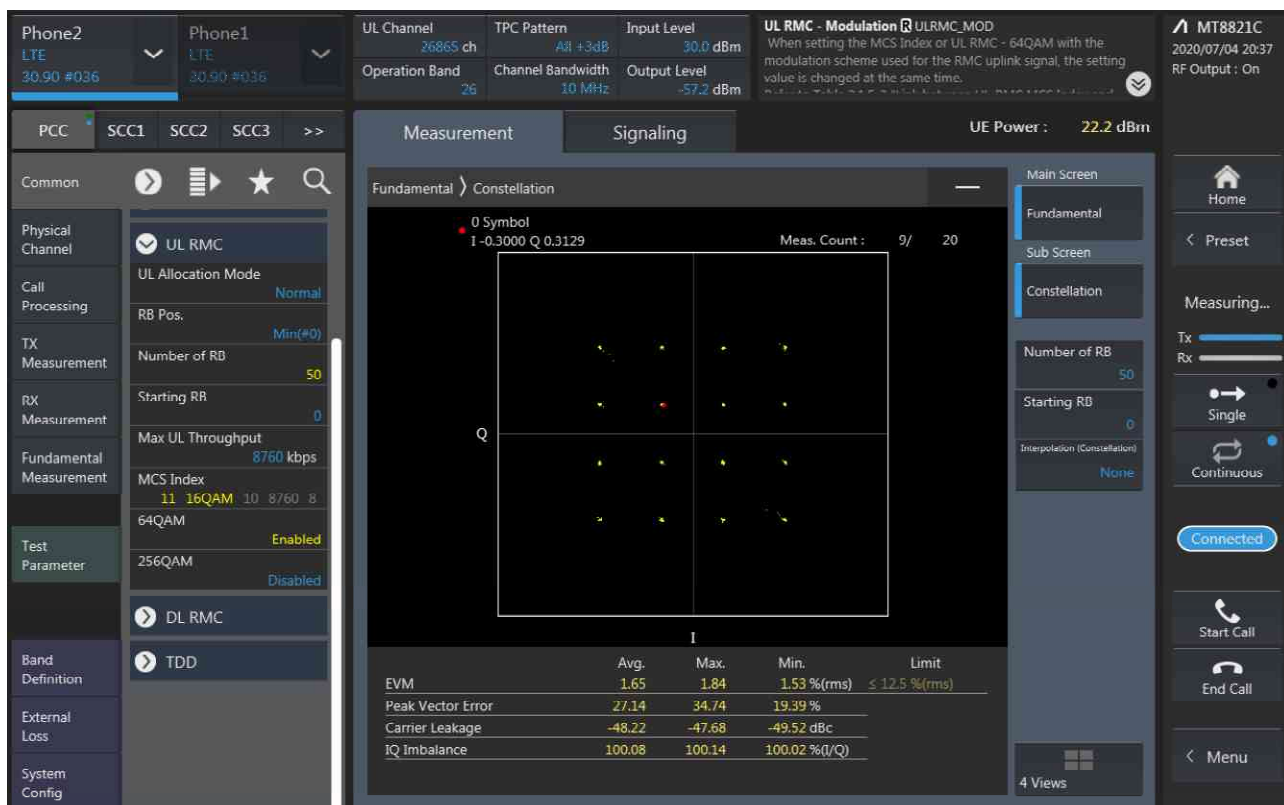
3.1.1. Test Channel = MCH





3.2. Test Mode = LTE /TM2

3.2.1. Test Channel = MCH





4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26	1.4MHz	QPSK	26797	6RB#0	1.091	1.296	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	1.094	1.290	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	1.091	1.248	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	1.091	1.284	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	1.088	1.305	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	1.091	1.233	PASS
Band26	3MHz	QPSK	26805	15RB#0	2.697	2.988	PASS
Band26	3MHz	QPSK	26915	15RB#0	2.691	2.994	PASS
Band26	3MHz	QPSK	27025	15RB#0	2.697	3.936	PASS
Band26	3MHz	16QAM	26805	15RB#0	2.691	2.982	PASS
Band26	3MHz	16QAM	26915	15RB#0	2.691	2.946	PASS
Band26	3MHz	16QAM	27025	15RB#0	2.685	2.988	PASS
Band26	5MHz	QPSK	26815	25RB#0	4.466	4.880	PASS
Band26	5MHz	QPSK	26915	25RB#0	4.466	4.920	PASS
Band26	5MHz	QPSK	27015	25RB#0	4.466	4.900	PASS
Band26	5MHz	16QAM	26815	25RB#0	4.486	4.920	PASS
Band26	5MHz	16QAM	26915	25RB#0	4.476	4.960	PASS
Band26	5MHz	16QAM	27015	25RB#0	4.486	4.950	PASS
Band26	10MHz	QPSK	26840	50RB#0	8.931	9.720	PASS
Band26	10MHz	QPSK	26915	50RB#0	8.911	9.660	PASS
Band26	10MHz	QPSK	26990	50RB#0	8.931	9.980	PASS
Band26	10MHz	16QAM	26840	50RB#0	8.931	9.740	PASS
Band26	10MHz	16QAM	26915	50RB#0	8.891	9.740	PASS
Band26	10MHz	16QAM	26990	50RB#0	8.931	11.860	PASS
Band26	15MHz	QPSK	26865	75RB#0	13.487	14.760	PASS
Band26	15MHz	QPSK	26915	75RB#0	13.367	14.730	PASS
Band26	15MHz	QPSK	26965	75RB#0	13.726	14.700	PASS
Band26	15MHz	16QAM	26865	75RB#0	13.487	14.760	PASS
Band26	15MHz	16QAM	26915	75RB#0	13.367	14.640	PASS
Band26	15MHz	16QAM	26965	75RB#0	13.427	14.700	PASS



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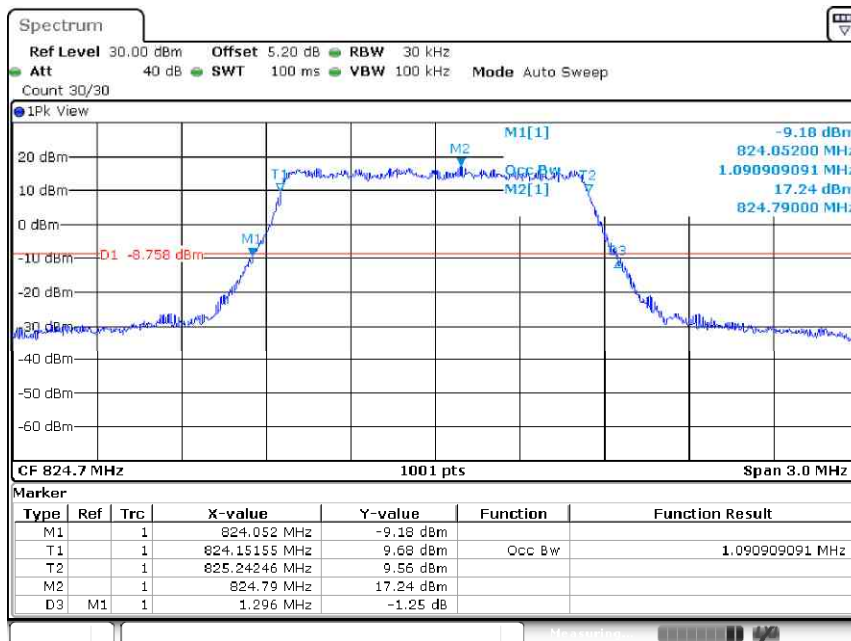
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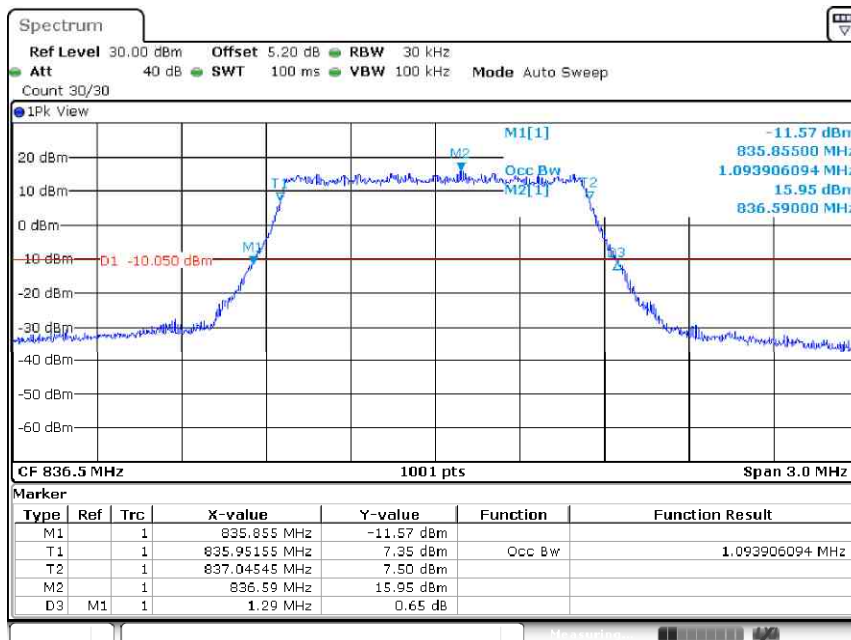
4.2. Test Plots

Band26-1.4MHz-QPSK-26797-6RB#0-1.091



Date: 3 JUL 2020 08:18:39

Band26-1.4MHz-QPSK-26915-6RB#0-1.094



Date: 3 JUL 2020 08:19:04



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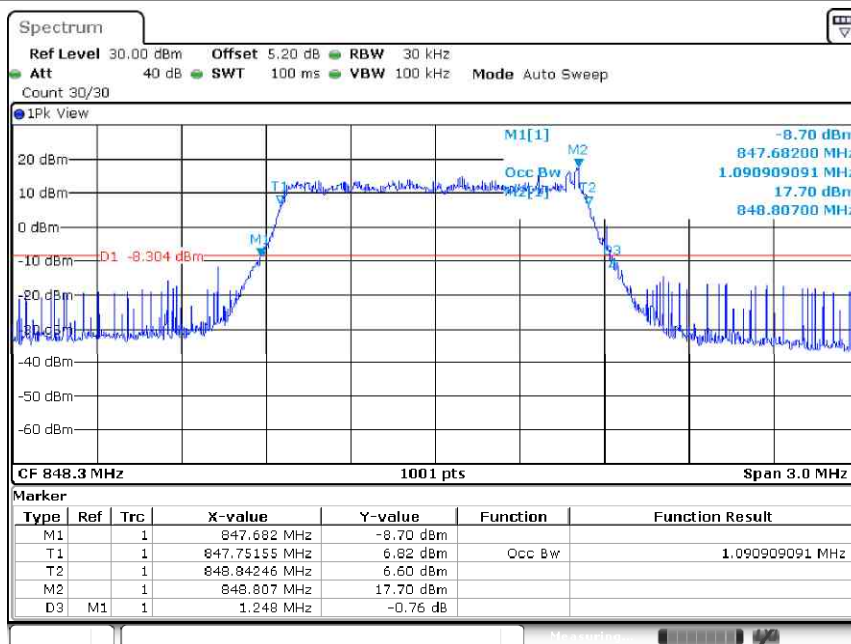
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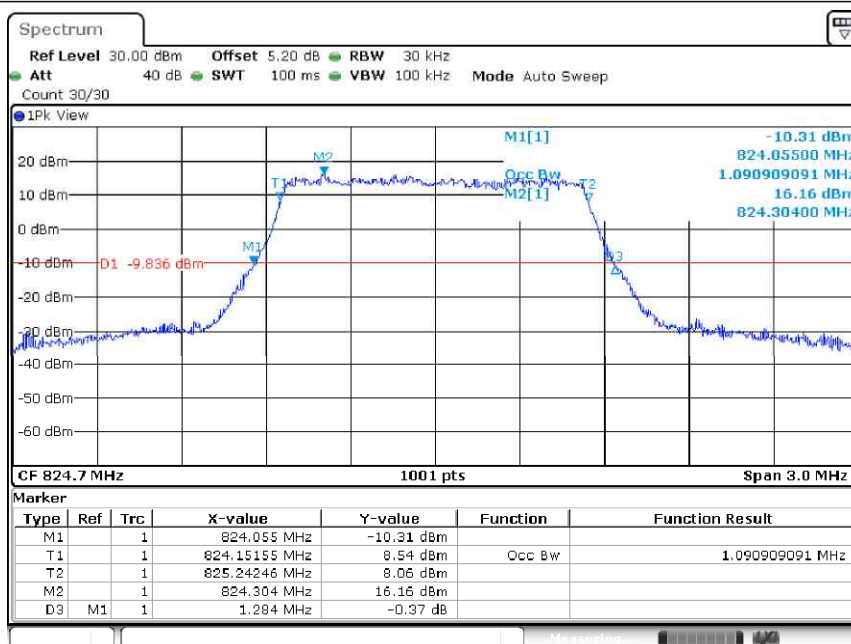


Band26-1.4MHz-QPSK-27033-6RB#0-1.091



Date: 3 JUL 2020 08:19:30

Band26-1.4MHz-16QAM-26797-6RB#0-1.091



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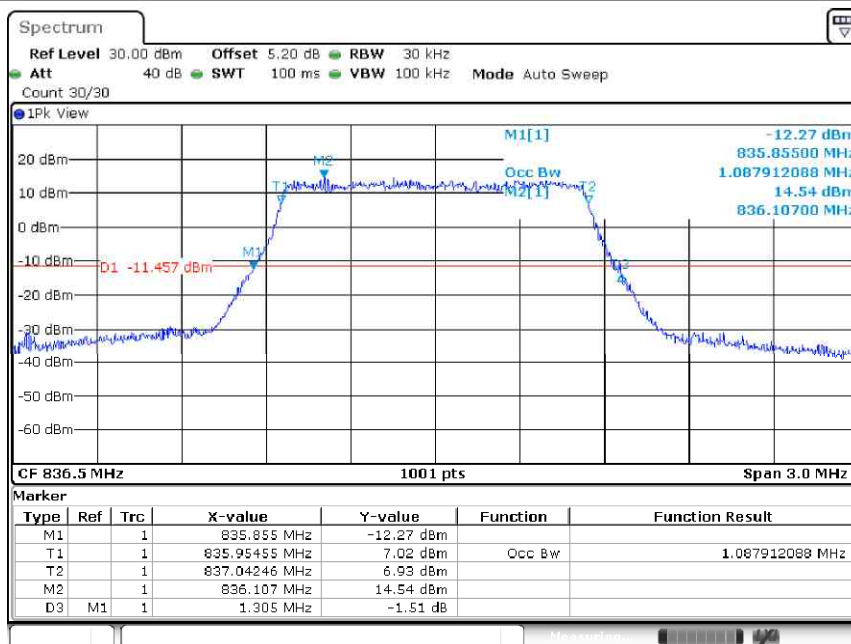
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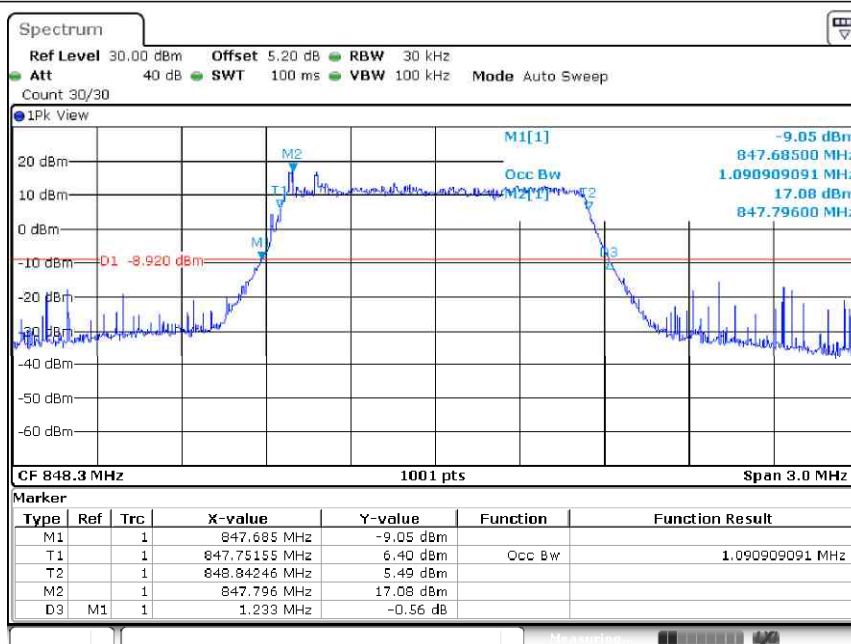


Band26-1.4MHz-16QAM-26915-6RB#0-1.088



Date: 3 JUL 2020 08:19:17

Band26-1.4MHz-16QAM-27033-6RB#0-1.091



Date: 3 JUL 2020 08:20:52



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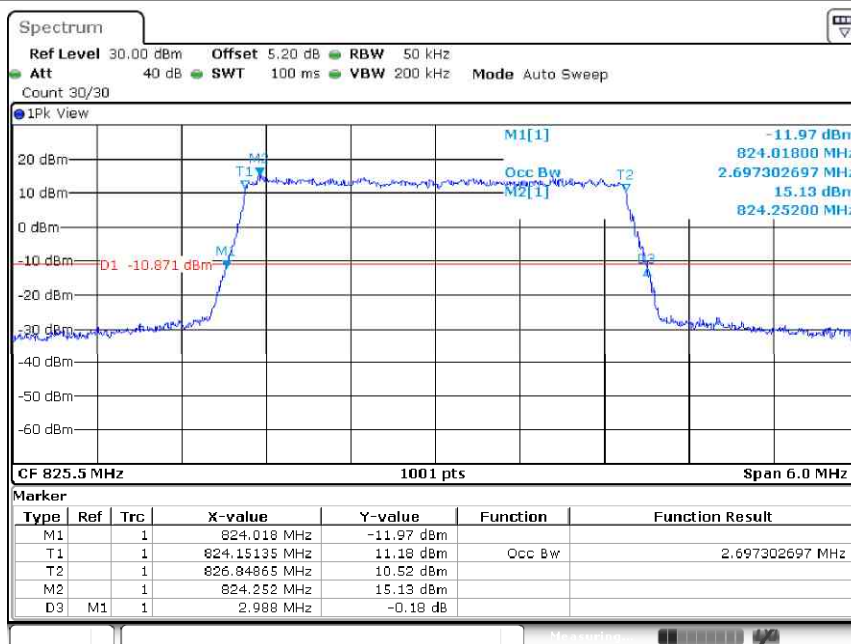
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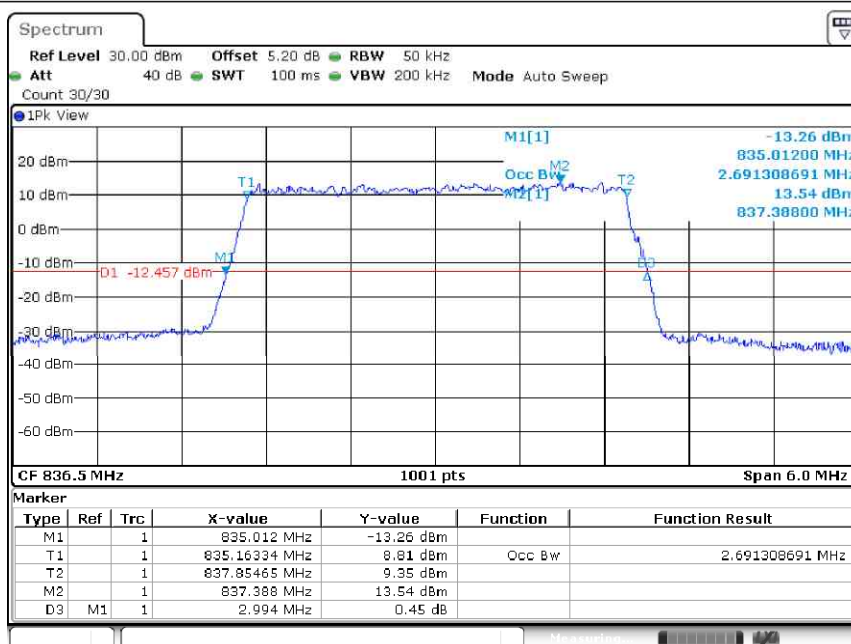


Band26-3MHz-QPSK-26805-15RB#0-2.697



Date: 3 JUL 2020 08:21:10

Band26-3MHz-QPSK-26915-15RB#0-2.691



Date: 3 JUL 2020 08:21:36



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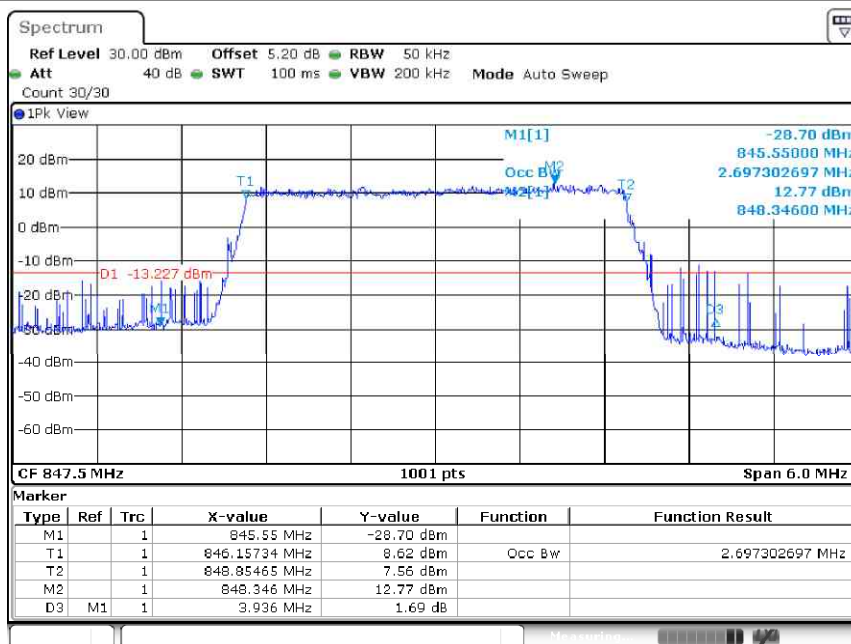
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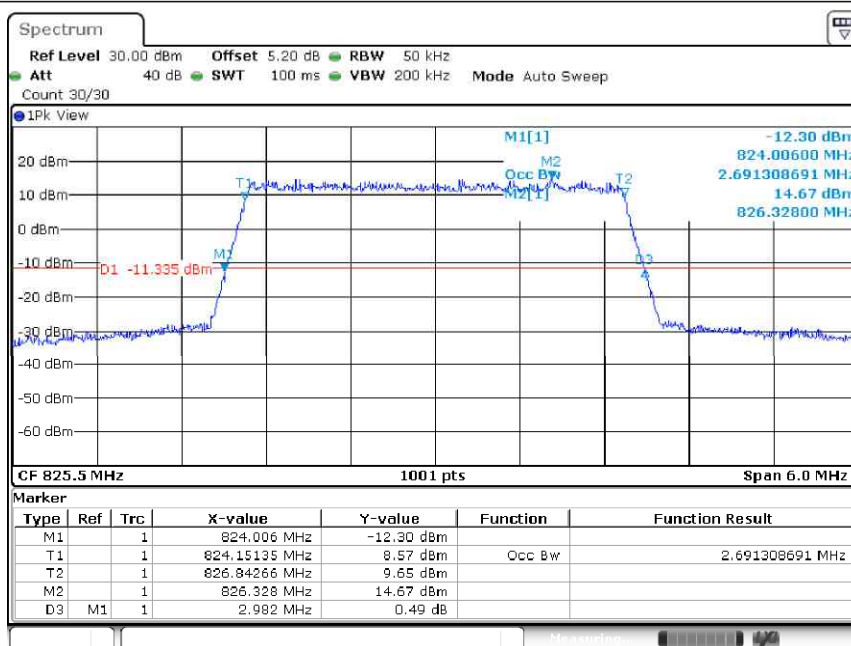


Band26-3MHz-QPSK-27025-15RB#0-2.697



Date: 3 JUL 2020 08:22:01

Band26-3MHz-16QAM-26805-15RB#0-2.691



Date: 3 JUL 2020 08:21:23



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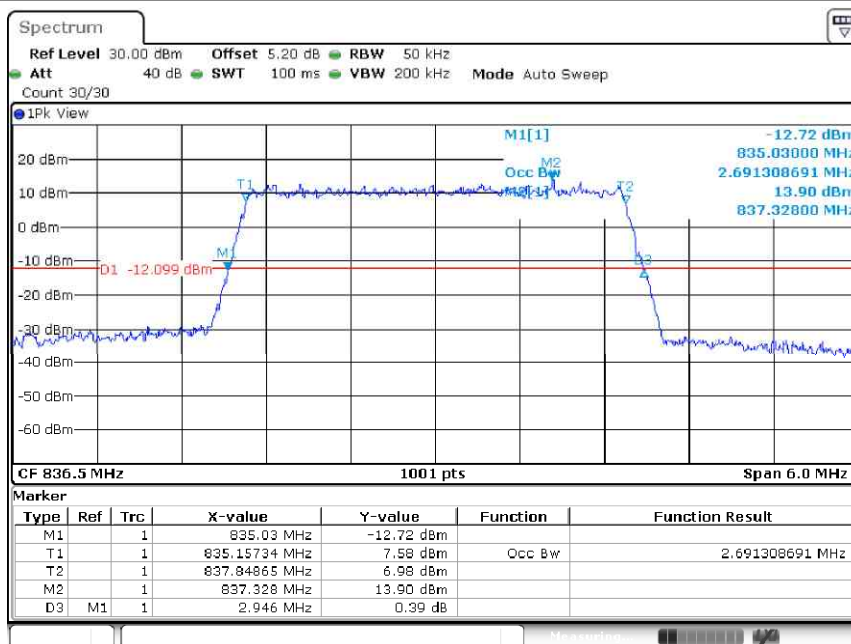
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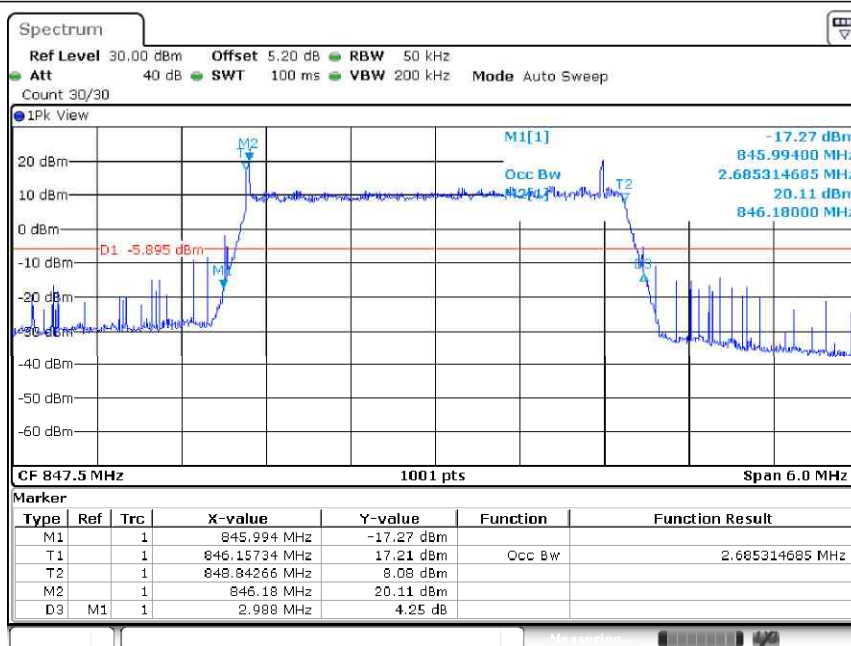


Band26-3MHz-16QAM-26915-15RB#0-2.691



Date: 3 JUL 2020 08:21:48

Band26-3MHz-16QAM-27025-15RB#0-2.685



Date: 3 JUL 2020 08:22:14



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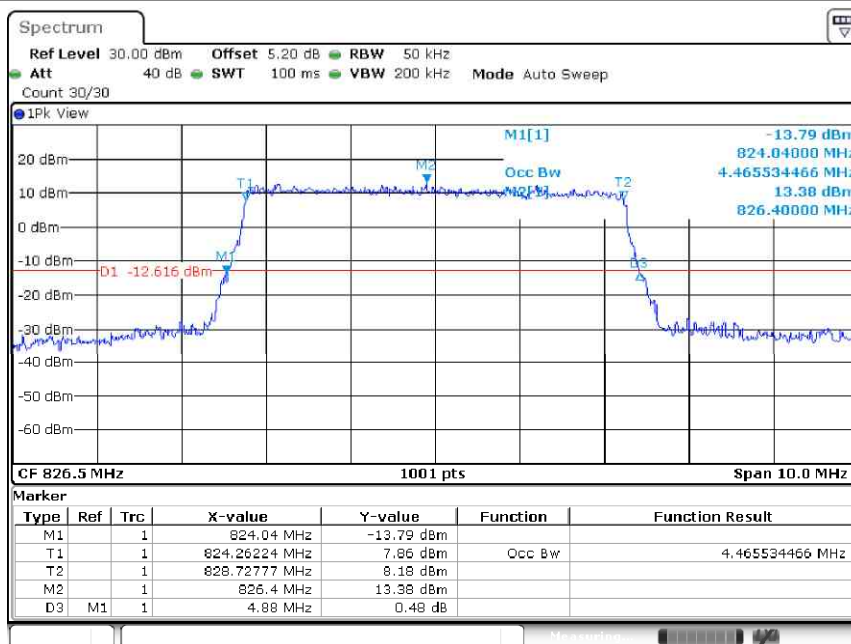
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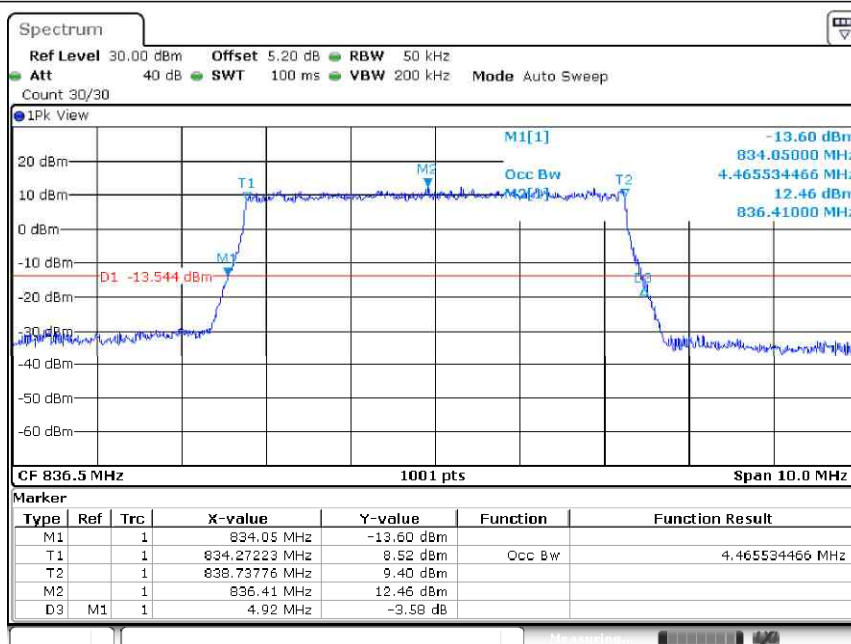


Band26-5MHz-QPSK-26815-25RB#0-4.466



Date: 3 JUL 2020 08:22:31

Band26-5MHz-QPSK-26915-25RB#0-4.466



Date: 3 JUL 2020 08:22:57



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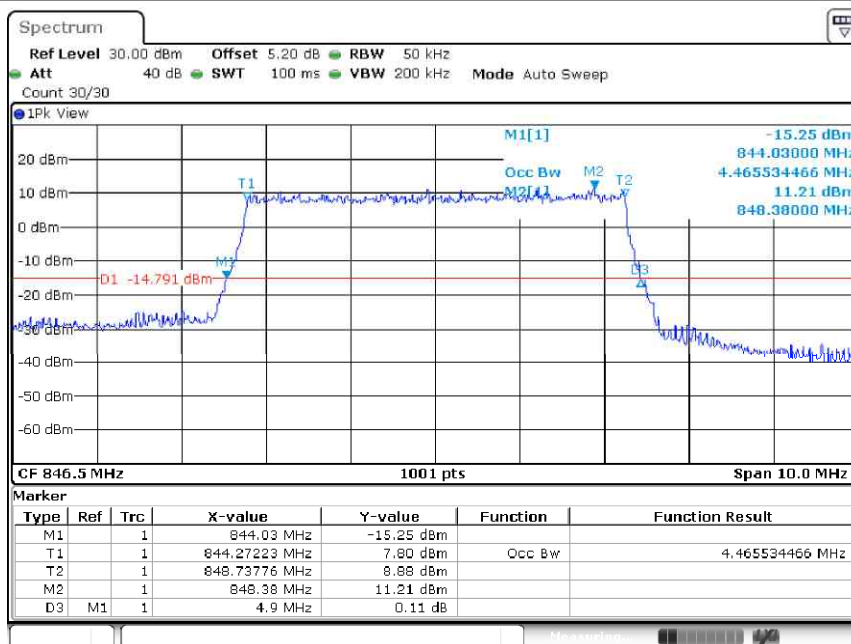
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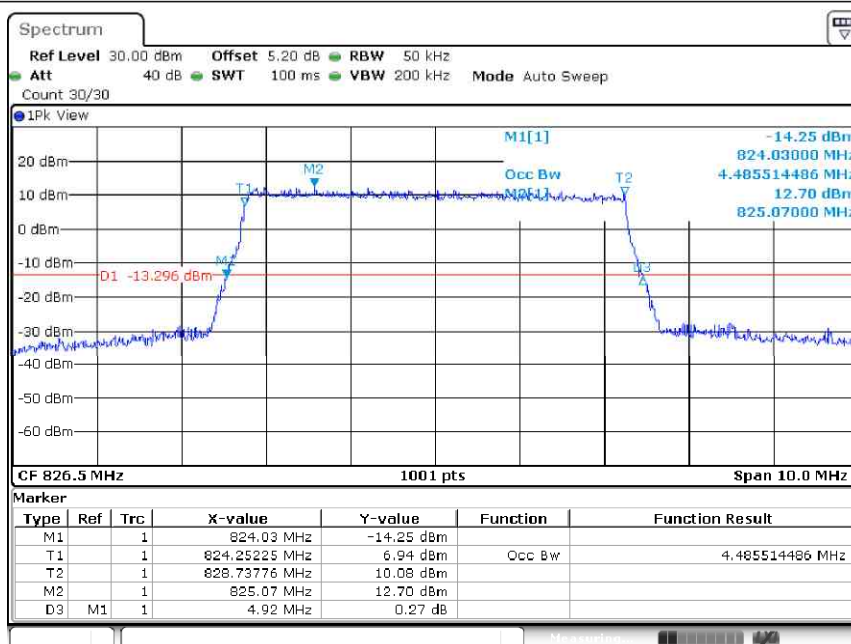


Band26-5MHz-QPSK-27015-25RB#0-4.466



Date: 3 JUL 2020 08:23:22

Band26-5MHz-16QAM-26815-25RB#0-4.486



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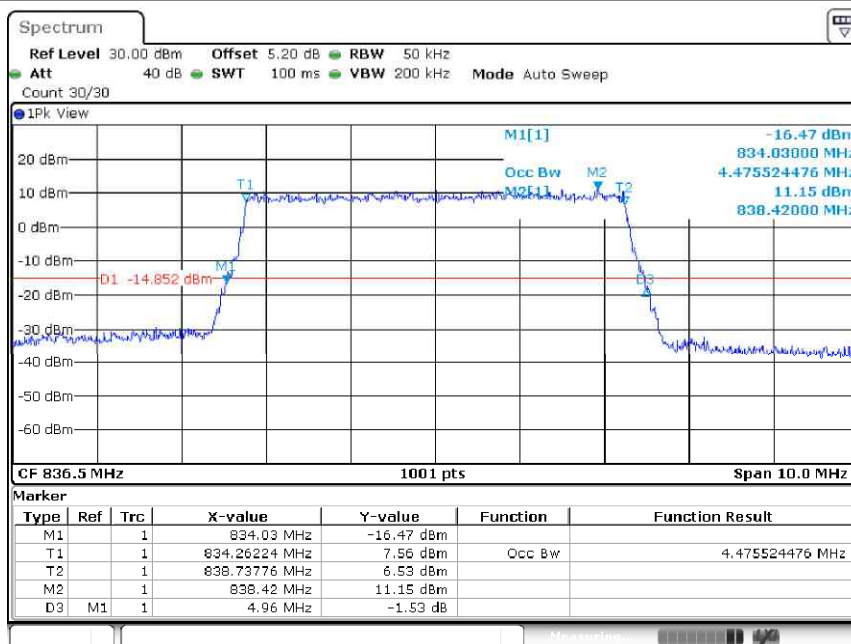
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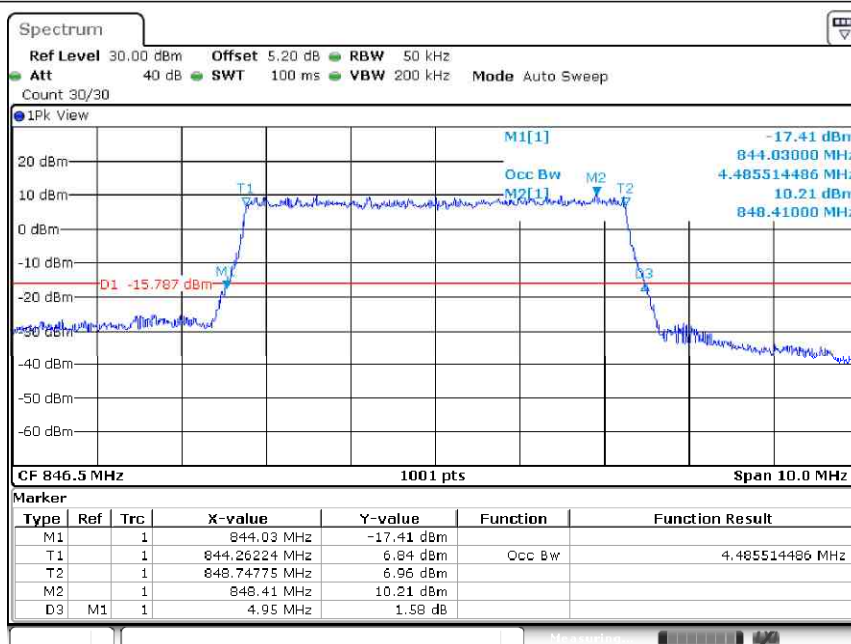


Band26-5MHz-16QAM-26915-25RB#0-4.476



Date: 3 JUL 2020 08:23:09

Band26-5MHz-16QAM-27015-25RB#0-4.486



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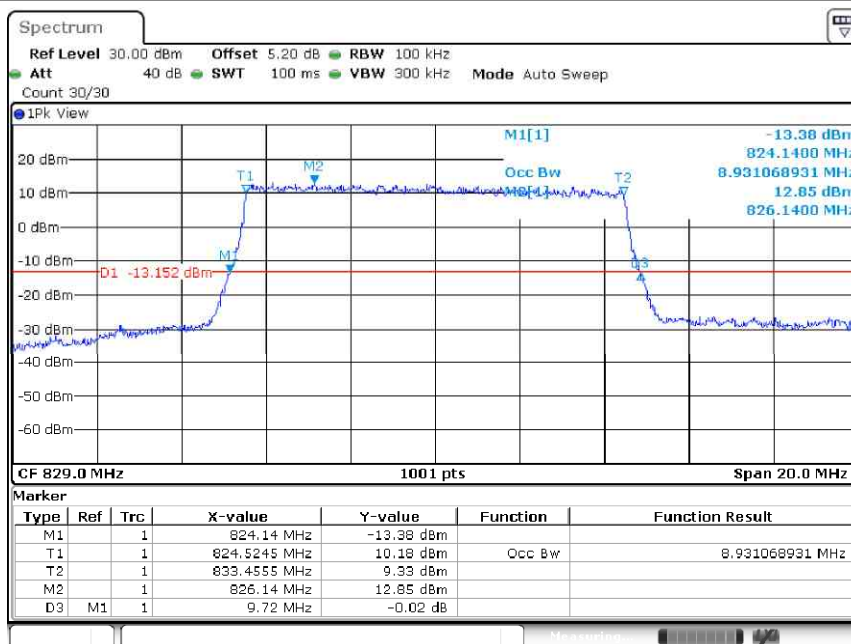
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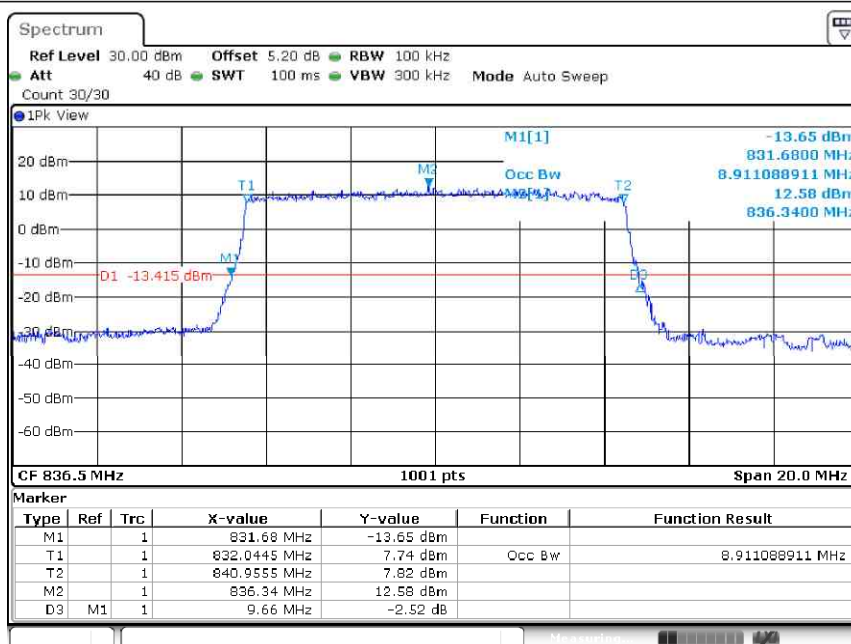


Band26-10MHz-QPSK-26840-50RB#0-8.931



Date: 3 JUL 2020 08:23:53

Band26-10MHz-QPSK-26915-50RB#0-8.911



Date: 3 JUL 2020 08:24:18



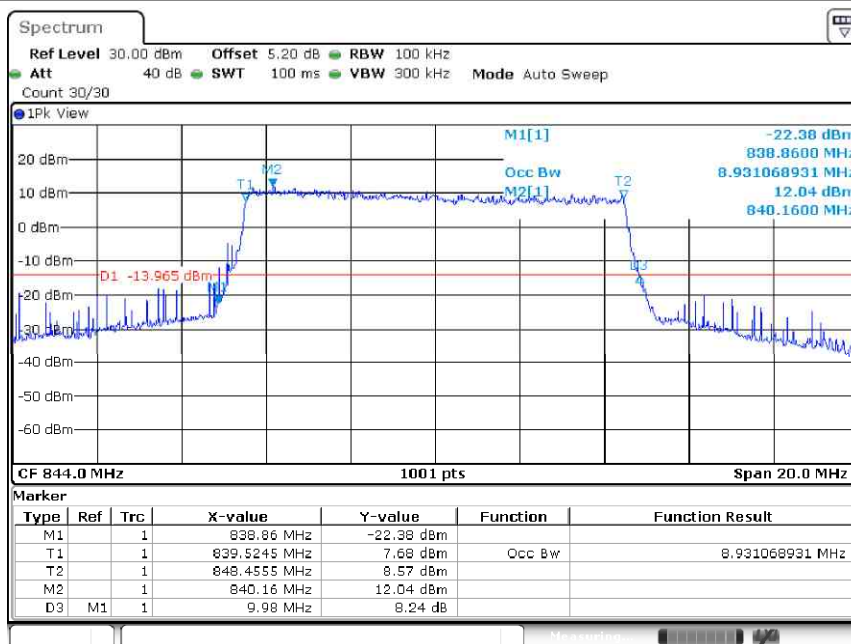
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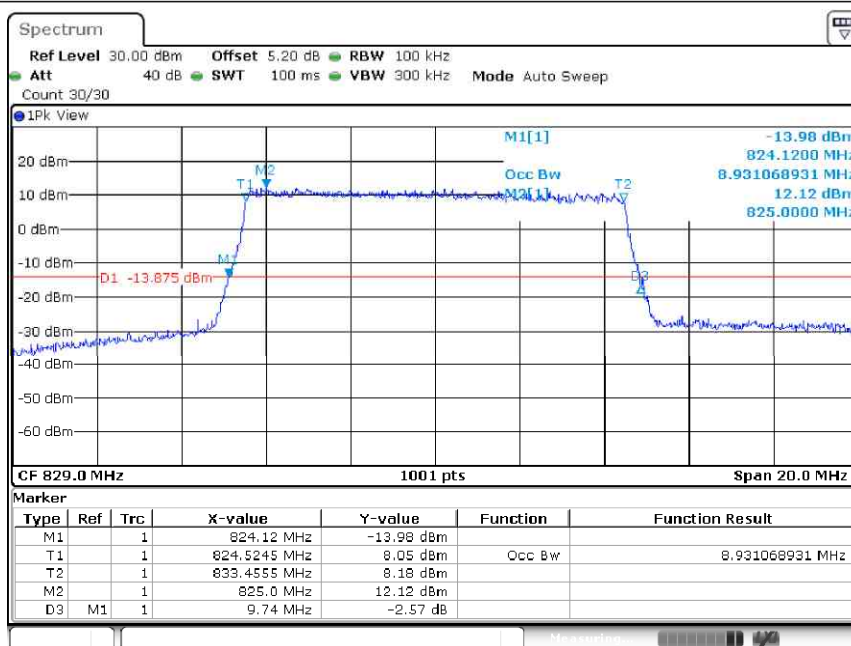
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Band26-10MHz-QPSK-26990-50RB#0-8.931



Band26-10MHz-16QAM-26840-50RB#0-8.931

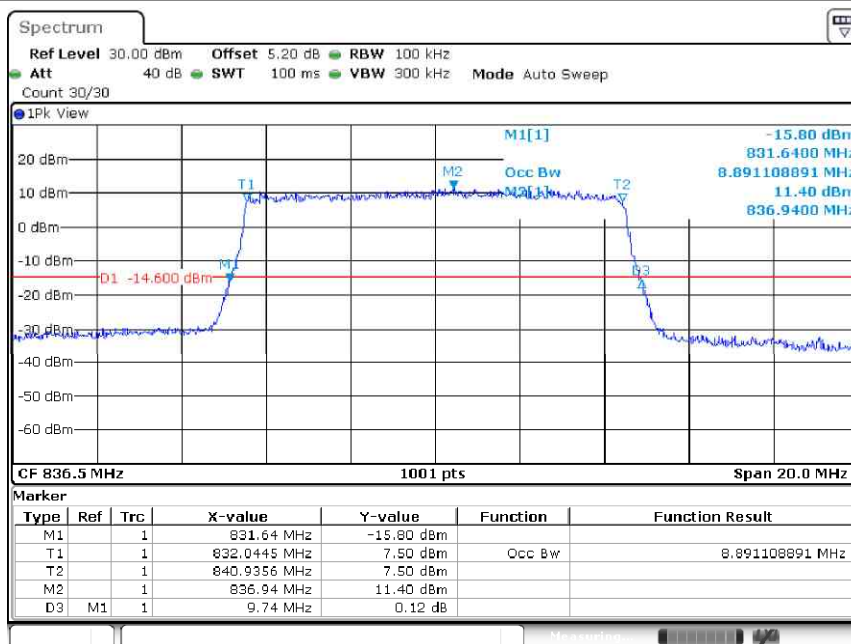


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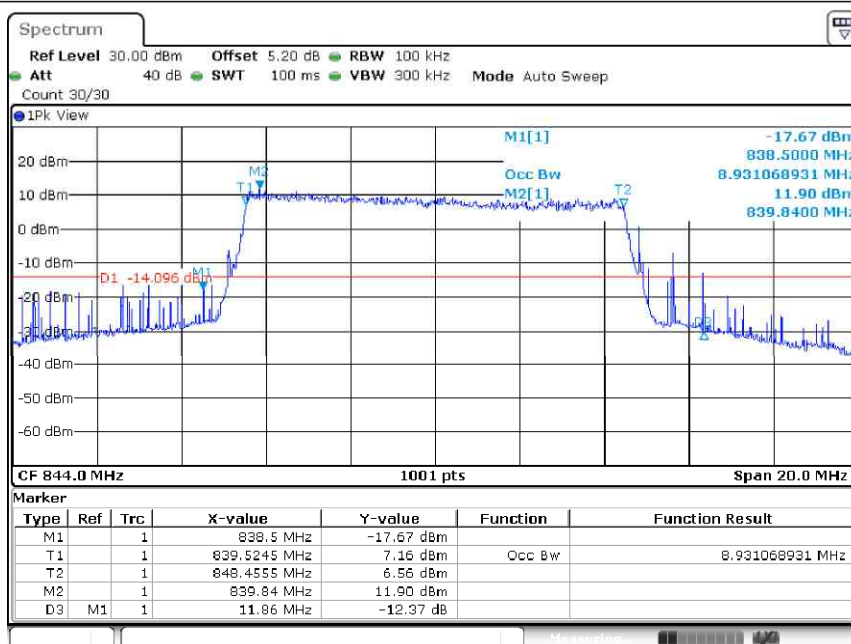


Band26-10MHz-16QAM-26915-50RB#0-8.891



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Date: 3 JUL 2020 08:24:56

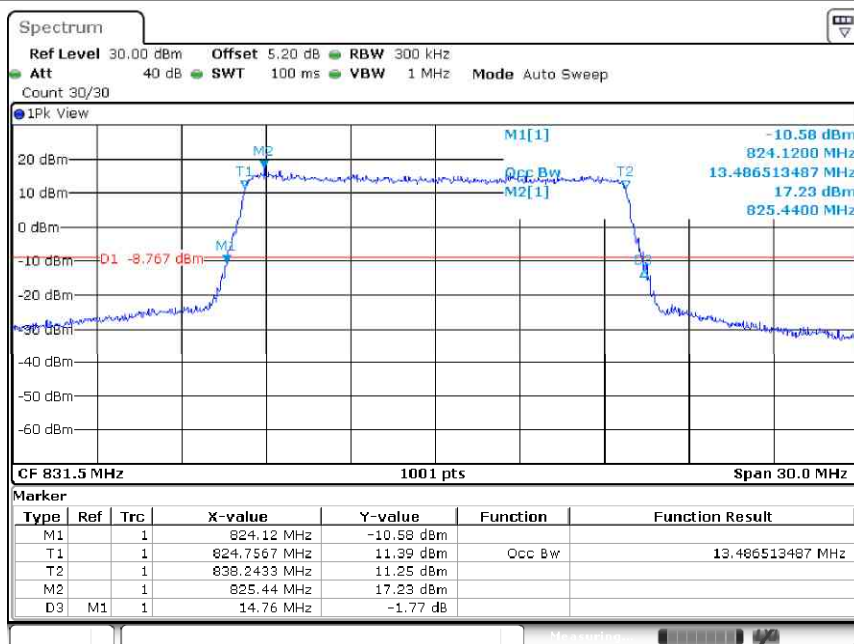


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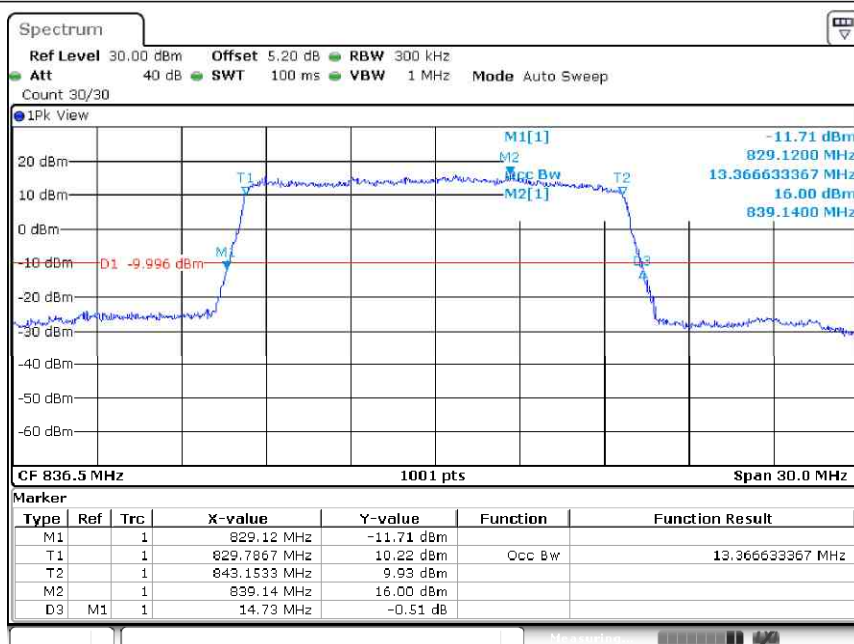
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Band26-15MHz-QPSK-26865-75RB#0-13.487



Date: 3 JUL 2020 08:25:14

Band26-15MHz-QPSK-26915-75RB#0-13.367



Date: 3 JUL 2020 08:25:39



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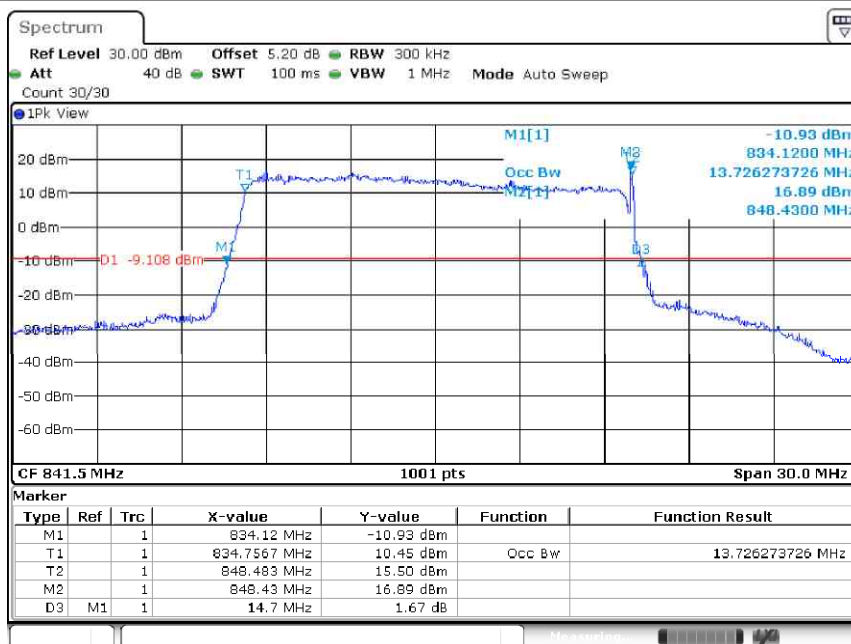
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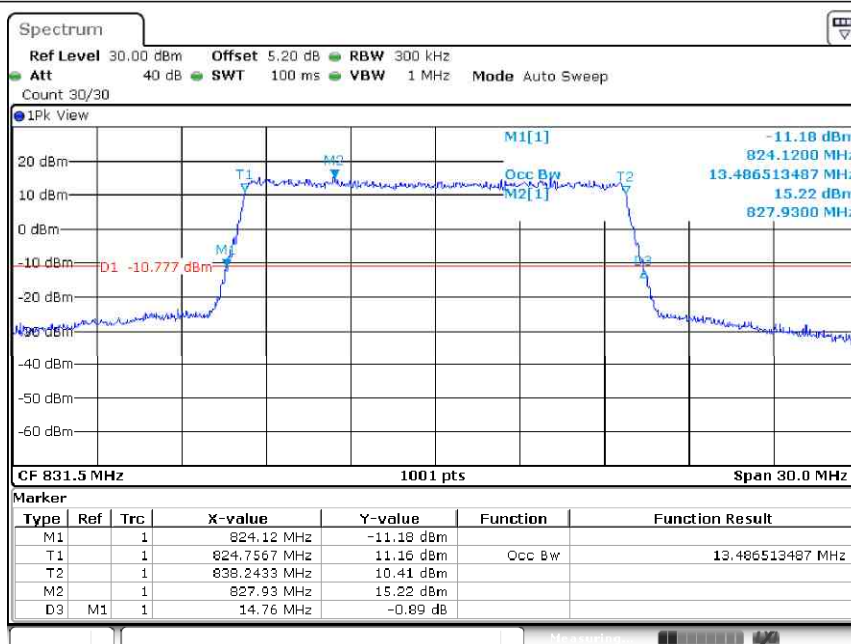


Band26-15MHz-QPSK-26965-75RB#0-13.726



Date: 3 JUL 2020 08:28:05

Band26-15MHz-16QAM-26865-75RB#0-13.487



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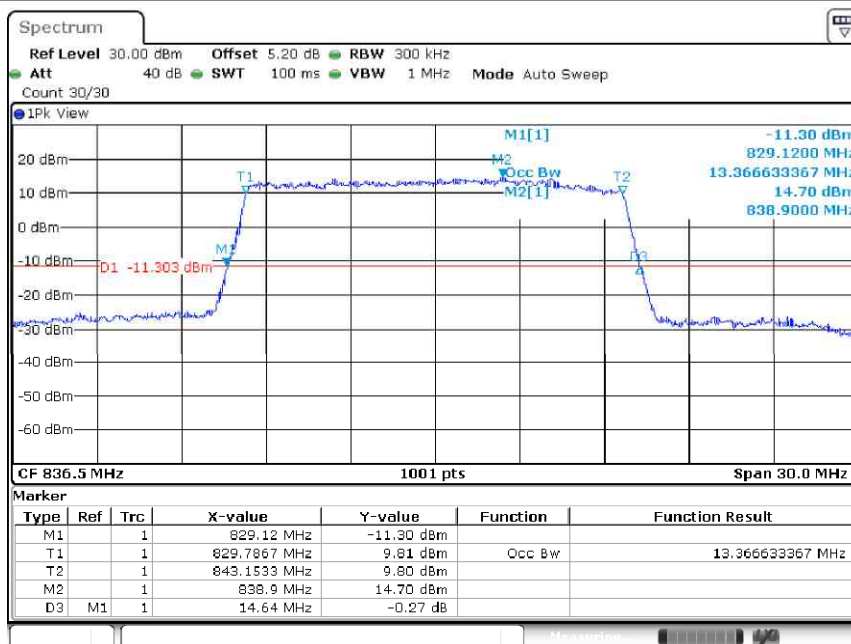
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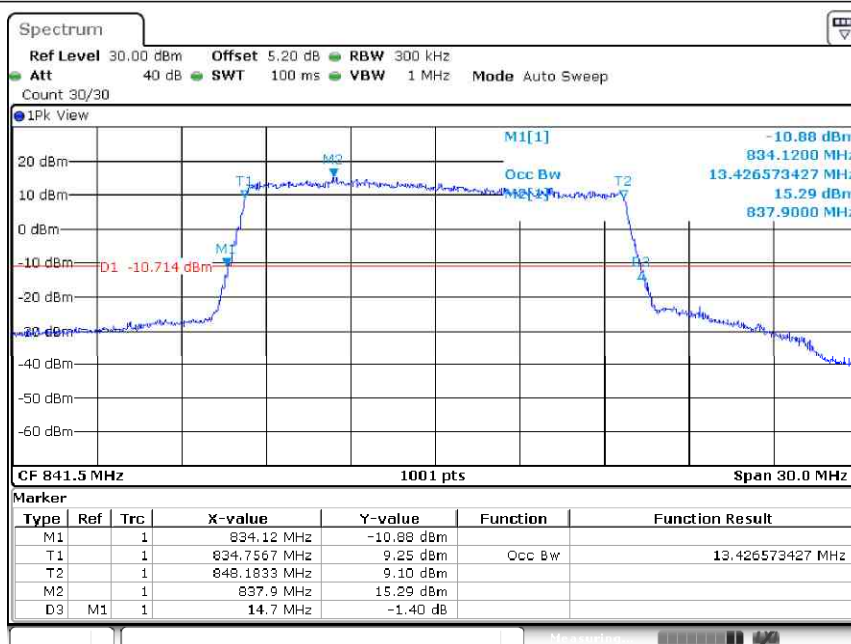


Band26-15MHz-16QAM-26915-75RB#0-13.367



Date: 3 JUL 2020 08:25:52

Band26-15MHz-16QAM-26965-75RB#0-13.427



Date: 3 JUL 2020 08:26:17



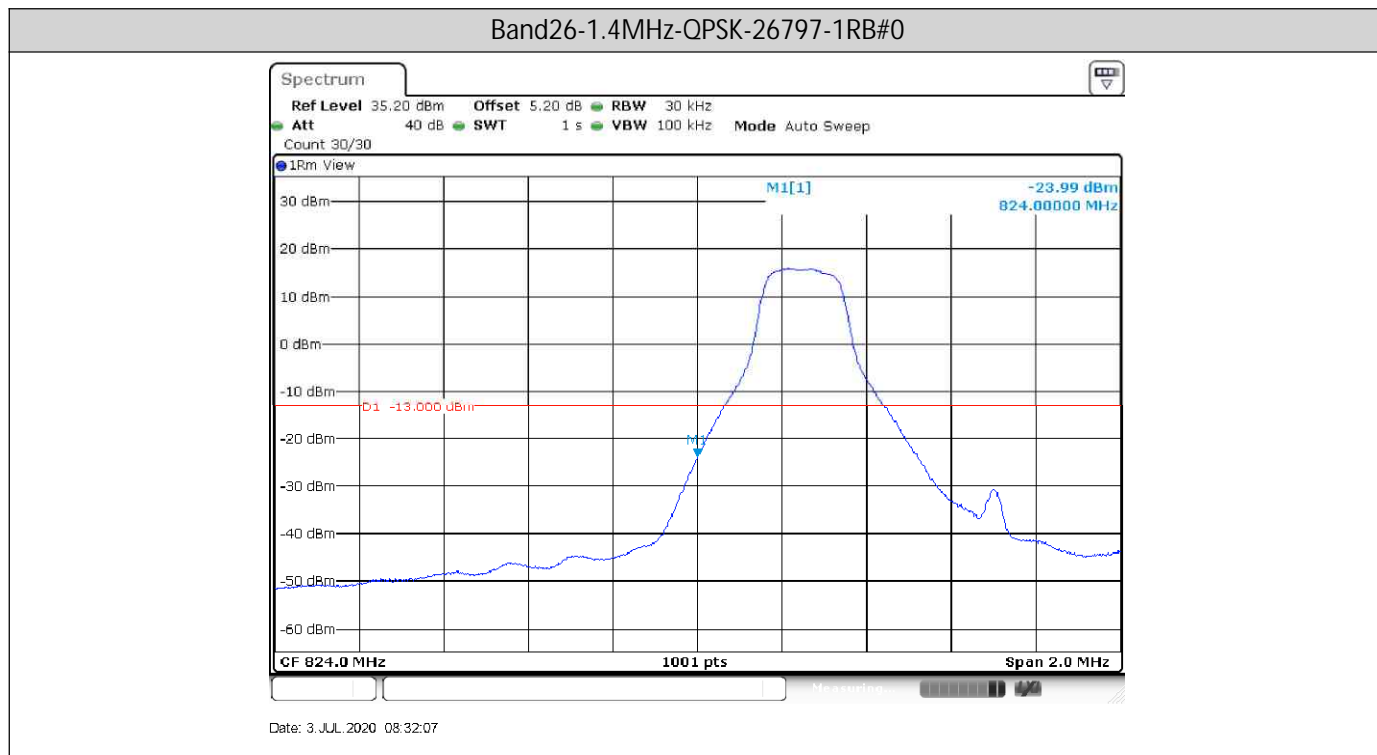
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5. Band Edge Compliance

5.1. Test Plots



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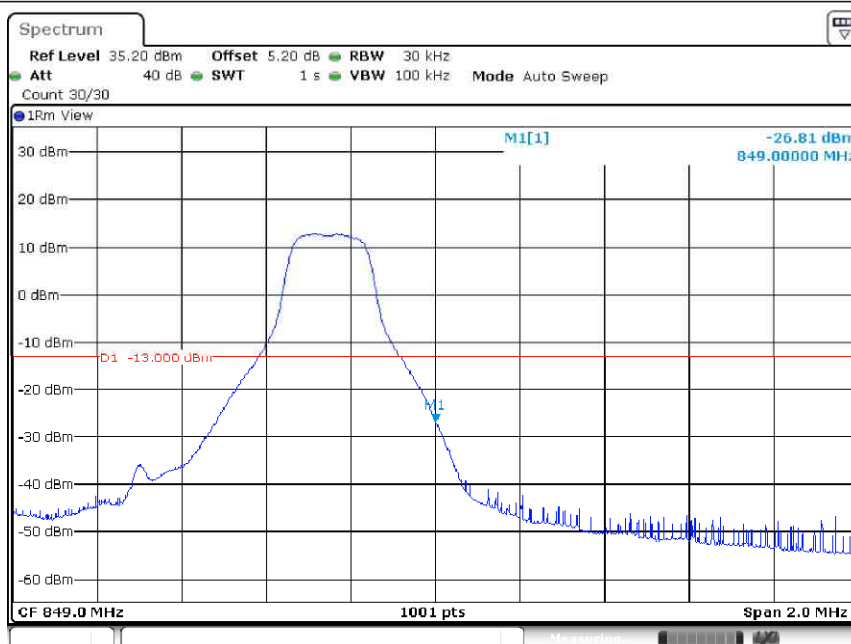


Band26-1.4MHz-QPSK-26797-6RB#0



Date: 3 JUL 2020 08:33:40

Band26-1.4MHz-QPSK-27033-1RB#5



Date: 3 JUL 2020 08:35:17



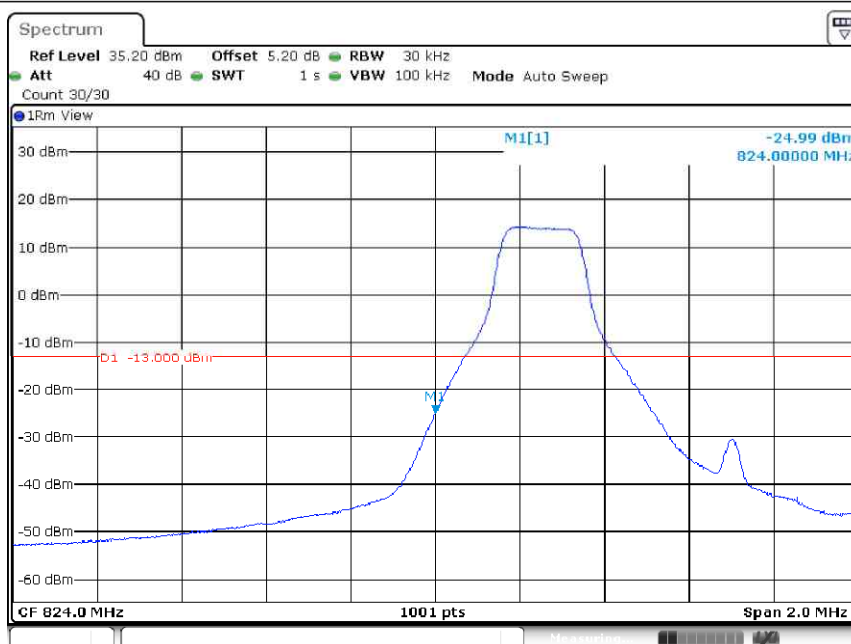


Band26-1.4MHz-QPSK-27033-6RB#0



Date: 3 JUL 2020 08:38:51

Band26-1.4MHz-16QAM-26797-1RB#0



Date: 3 JUL 2020 08:32:54



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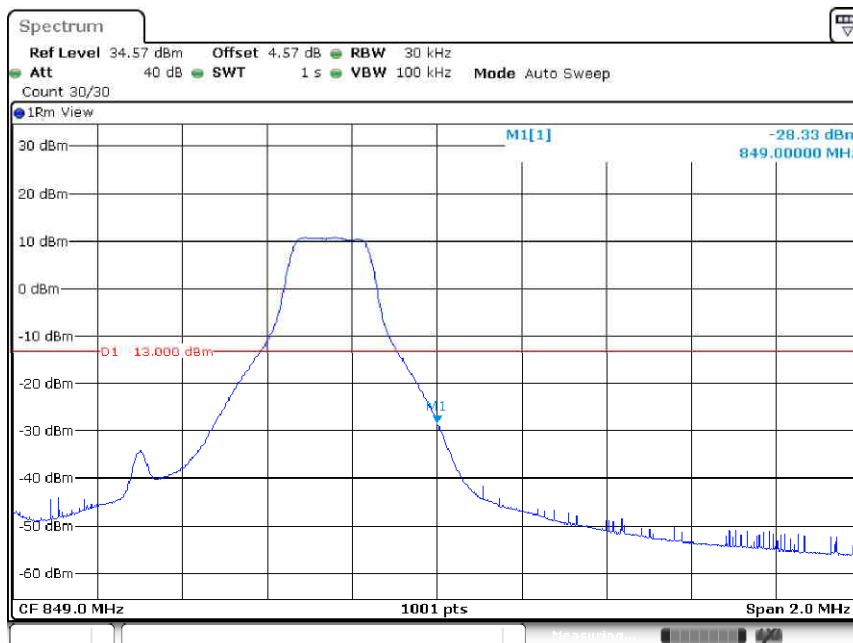


Band26-1.4MHz-16QAM-26797-6RB#0



Date: 3 JUL 2020 08:34:27

Band26-1.4MHz-16QAM-27033-1RB#5



Date: 14 JUL 2020 09:35:48

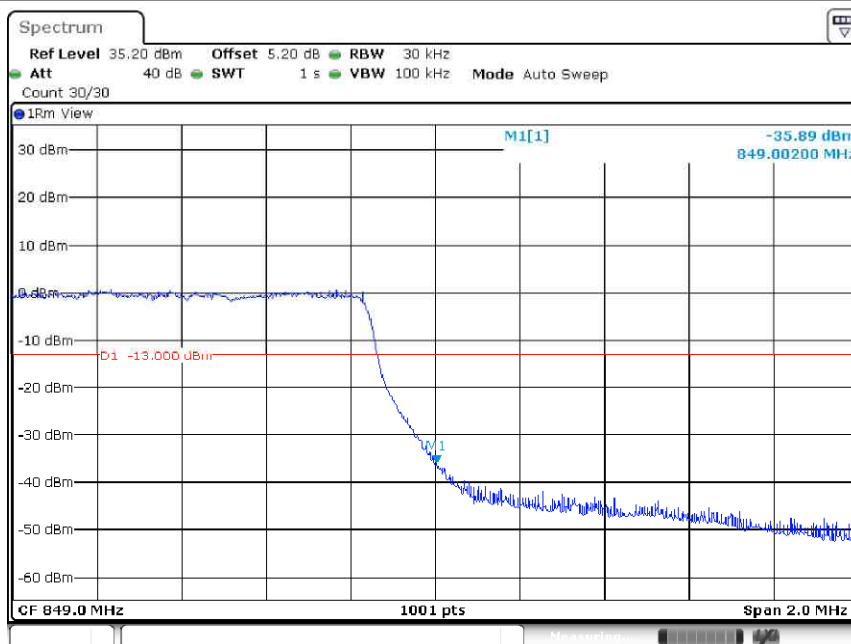


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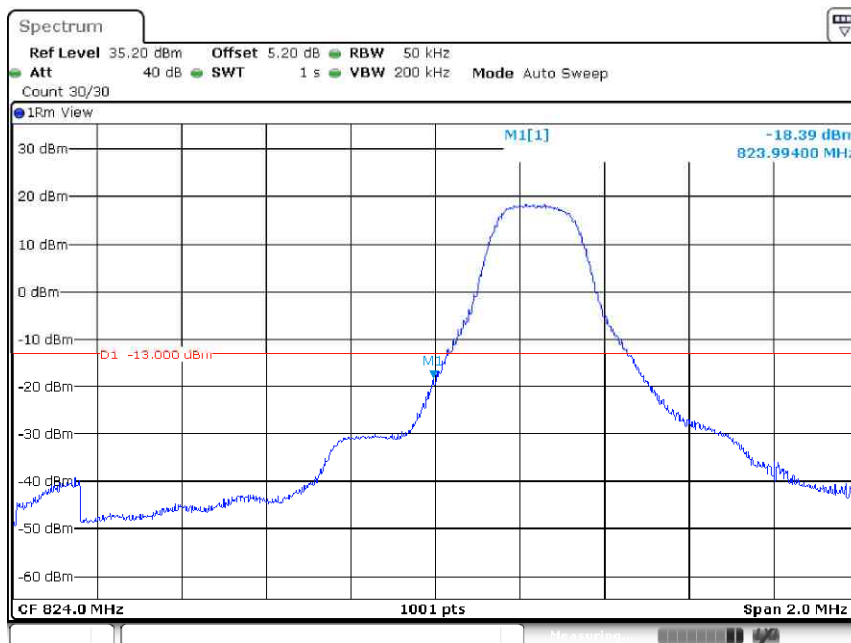


Band26-1.4MHz-16QAM-27033-6RB#0



Date: 3 JUL 2020 08:37:39

Band26-3MHz-QPSK-26805-1RB#0



Date: 3 JUL 2020 08:48:02



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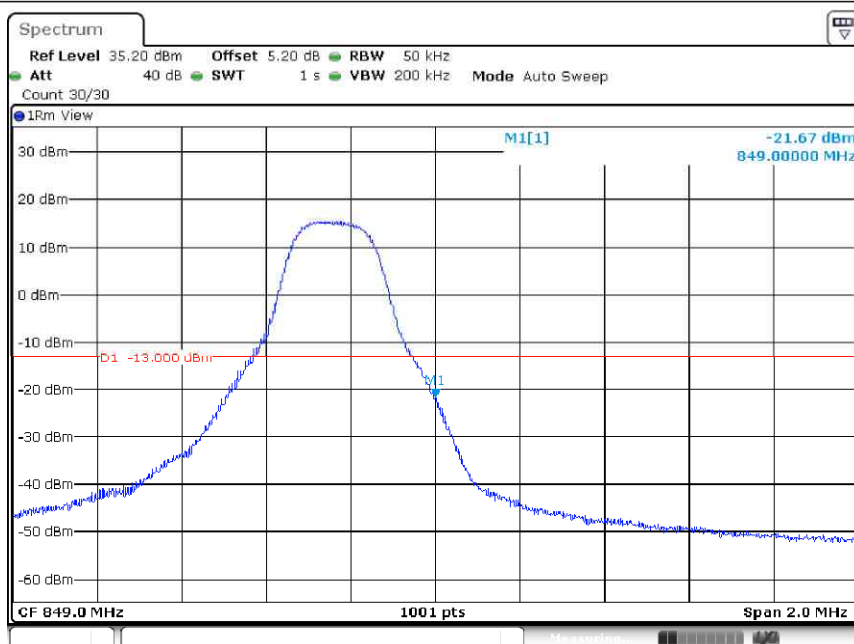


Band26-3MHz-QPSK-26805-15RB#0



Date: 3 JUL 2020 08:50:05

Band26-3MHz-QPSK-27025-1RB#14



Date: 3 JUL 2020 08:55:15



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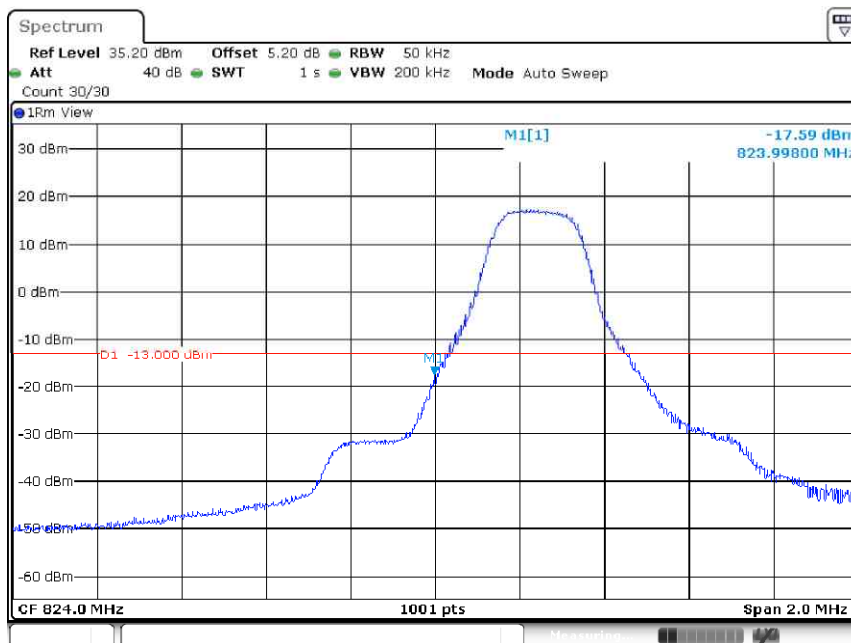


Band26-3MHz-QPSK-27025-15RB#0



Date: 3 JUL 2020 08:56:49

Band26-3MHz-16QAM-26805-1RB#0



Date: 3 JUL 2020 08:49:20



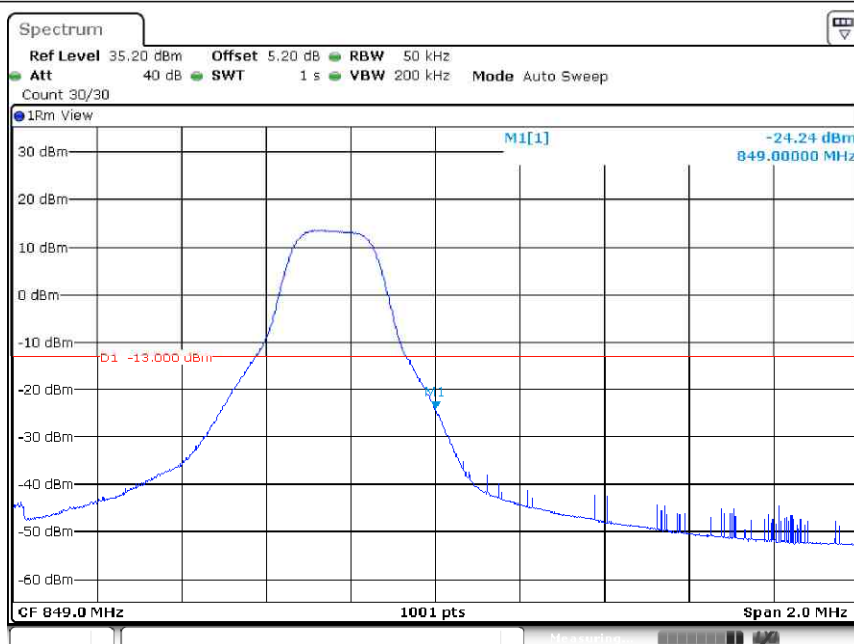


Band26-3MHz-16QAM-26805-15RB#0



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Band26-3MHz-16QAM-27025-1RB#14



Date: 3 JUL 2020 08:58:02



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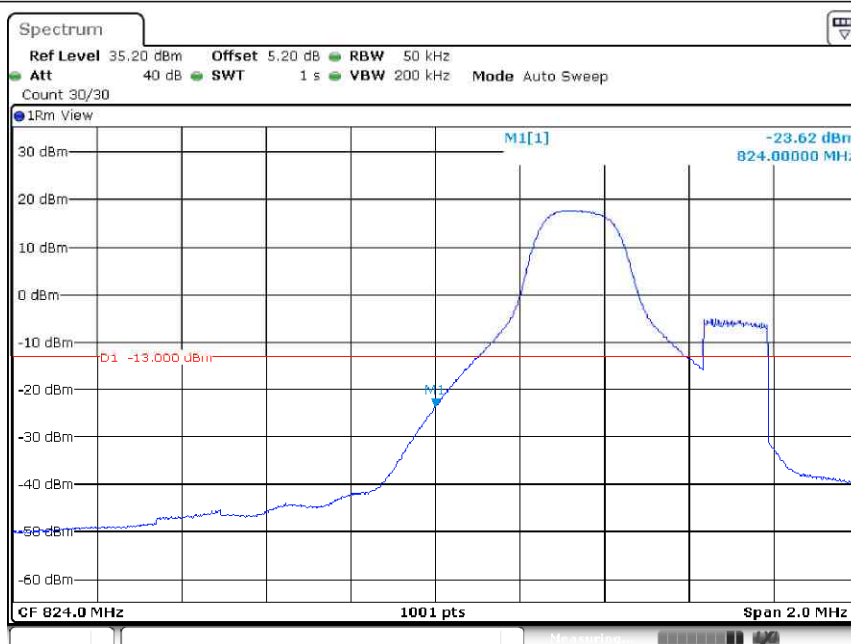


Band26-3MHz-16QAM-27025-15RB#0



Date: 3 JUL 2020 08:57:44

Band26-5MHz-QPSK-26815-1RB#0



Date: 3 JUL 2020 08:58:35



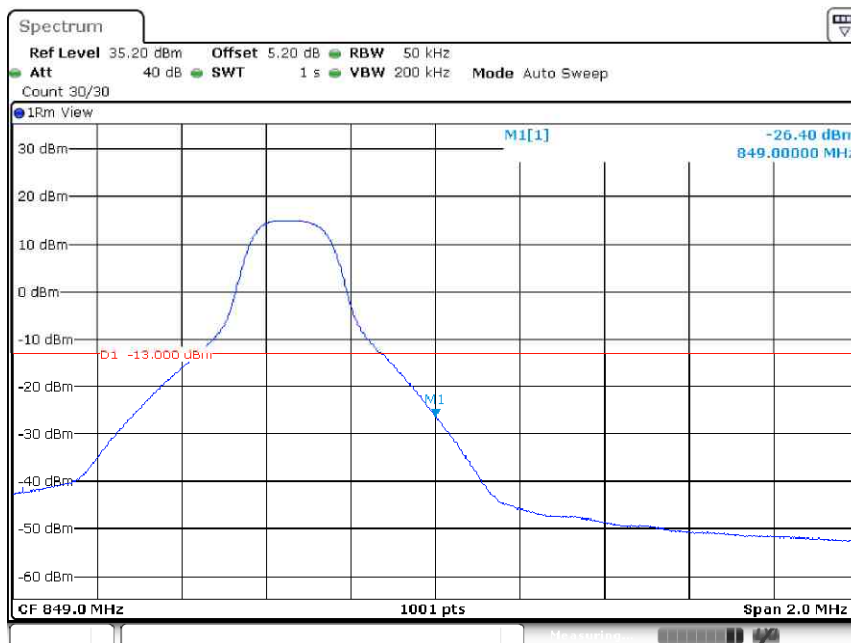


Band26-5MHz-QPSK-26815-25RB#0



Date: 3 JUL 2020 09:00:08

Band26-5MHz-QPSK-27015-1RB#24



Date: 3 JUL 2020 09:05:36



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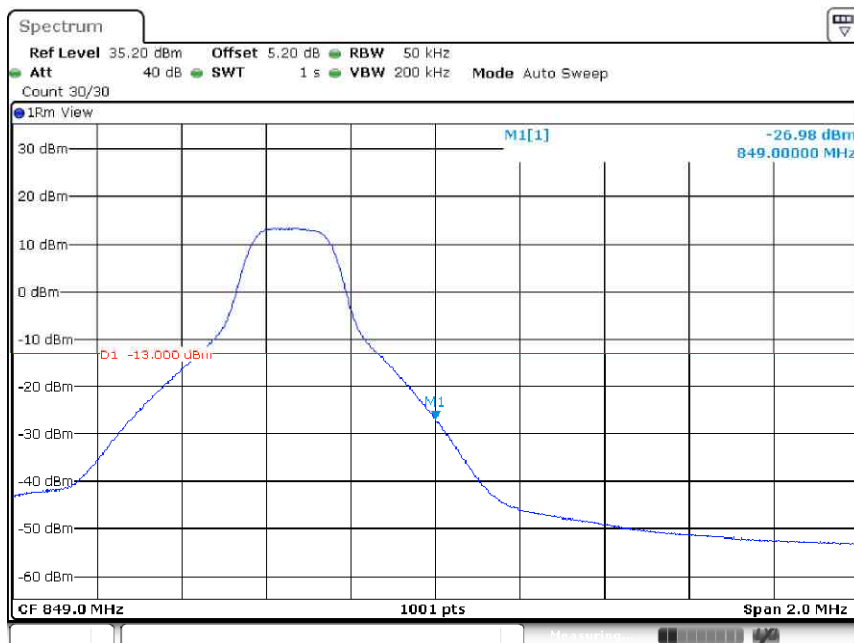


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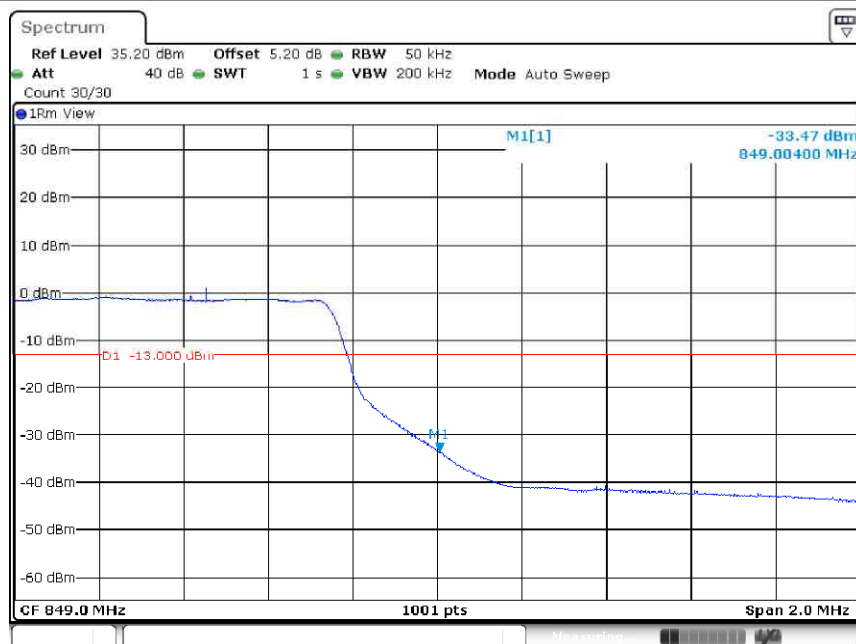
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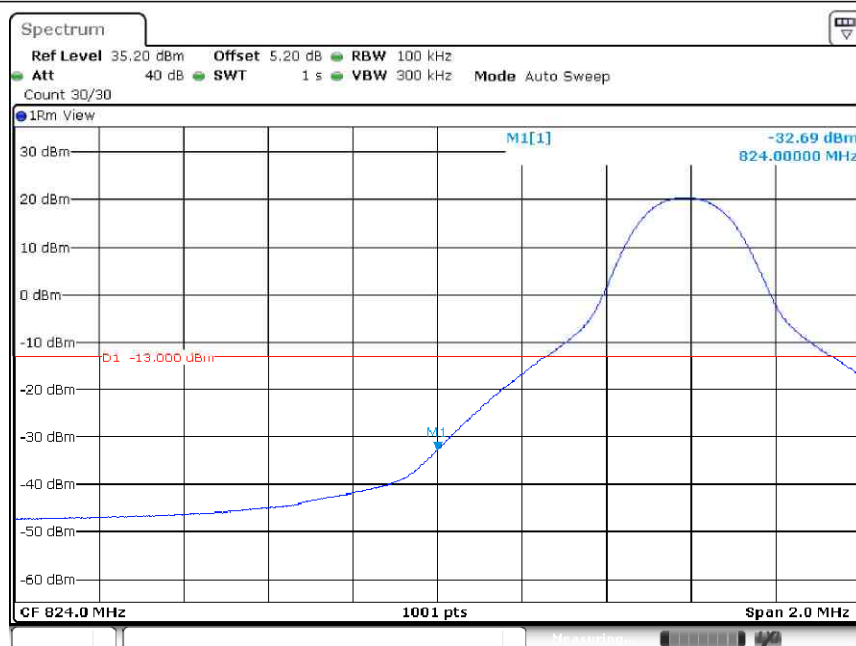


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Band26-10MHz-QPSK-26840-50RB#0



Date: 3 JUL 2020 09:13:11

Band26-10MHz-QPSK-26990-1RB#49



Date: 3 JUL 2020 09:14:49



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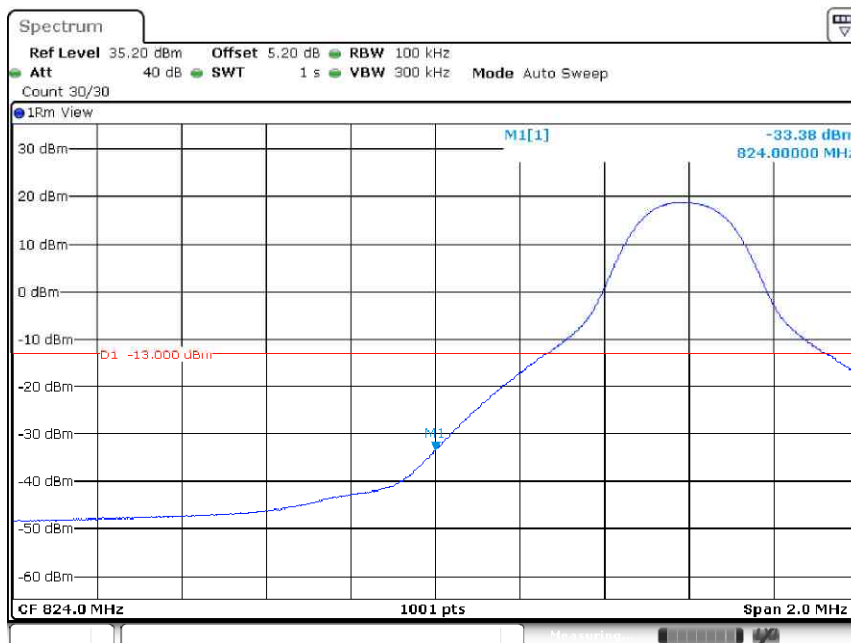


Band26-10MHz-QPSK-26990-50RB#0



Date: 3 JUL 2020 09:16:21

Band26-10MHz-16QAM-26840-1RB#0



Date: 3 JUL 2020 09:12:25



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Band26-10MHz-16QAM-26840-50RB#0



Date: 3 JUL 2020 09:13:58

Band26-10MHz-16QAM-26990-1RB#49



Date: 3 JUL 2020 09:15:35



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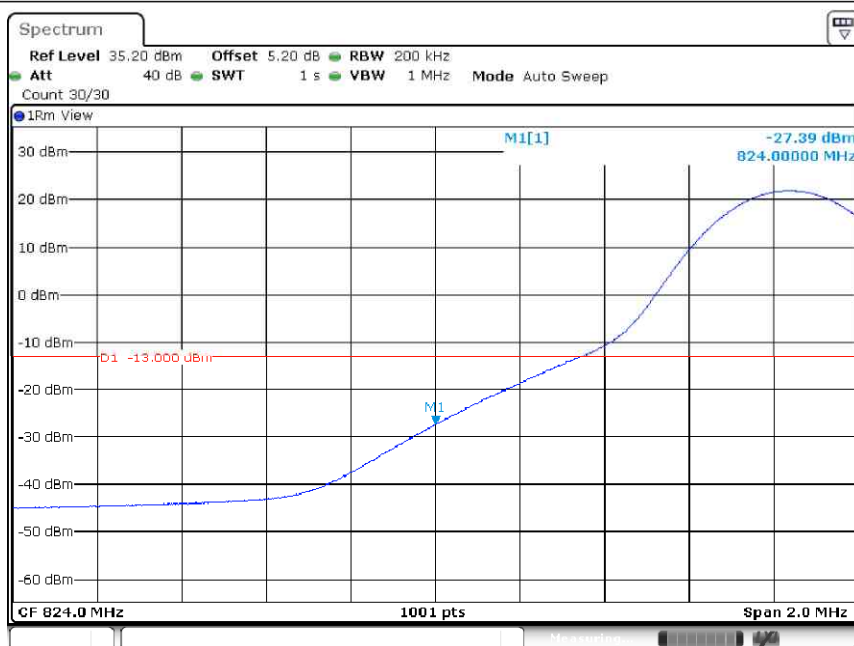


Band26-10MHz-16QAM-26990-50RB#0



Date: 3 JUL 2020 09:17:08

Band26-15MHz-QPSK-26865-1RB#0



Date: 3 JUL 2020 09:17:59



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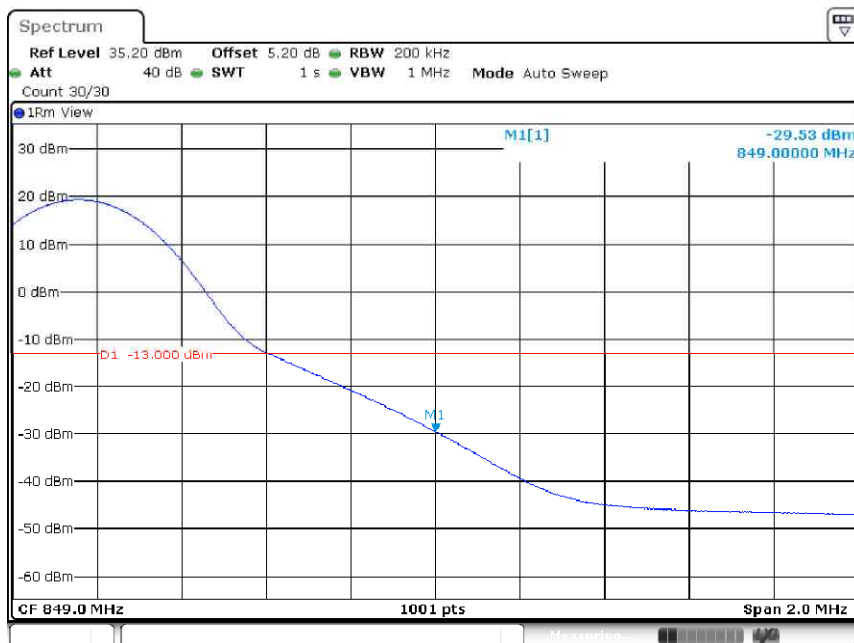


Band26-15MHz-QPSK-26865-75RB#0



Date: 3 JUL 2020 09:19:32

Band26-15MHz-QPSK-26965-1RB#74



Date: 3 JUL 2020 09:21:09



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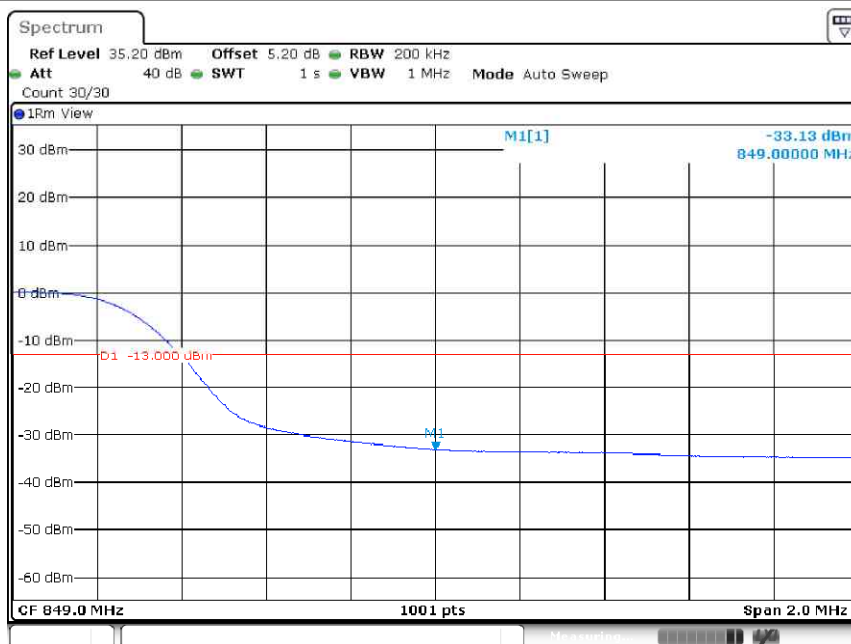
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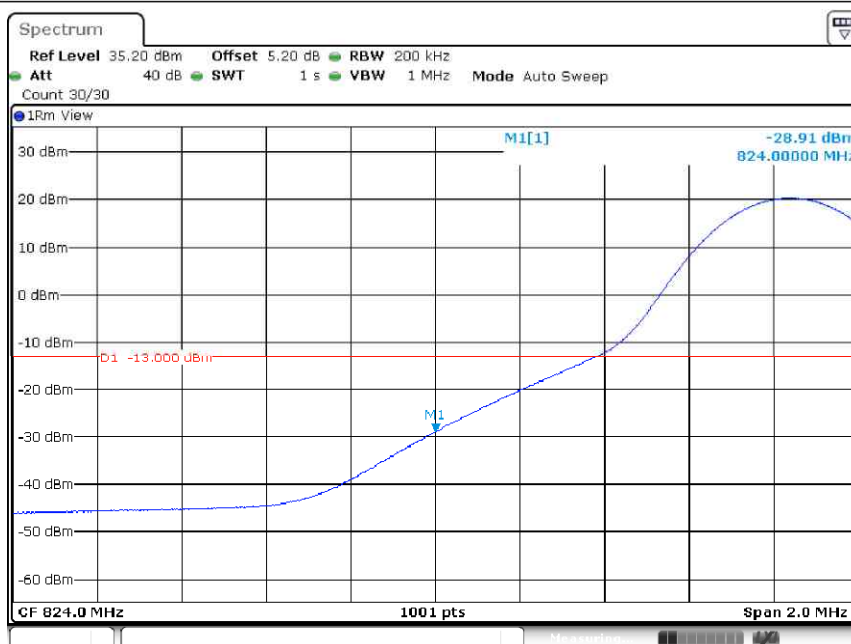


Band26-15MHz-QPSK-26965-75RB#0



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Band26-15MHz-16QAM-26865-1RB#0



Date: 3 JUL 2020 09:18:45



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Band26-15MHz-16QAM-26865-75RB#0



Date: 3 JUL 2020 09:20:18

Band26-15MHz-16QAM-26965-1RB#74



Date: 3 JUL 2020 09:21:55

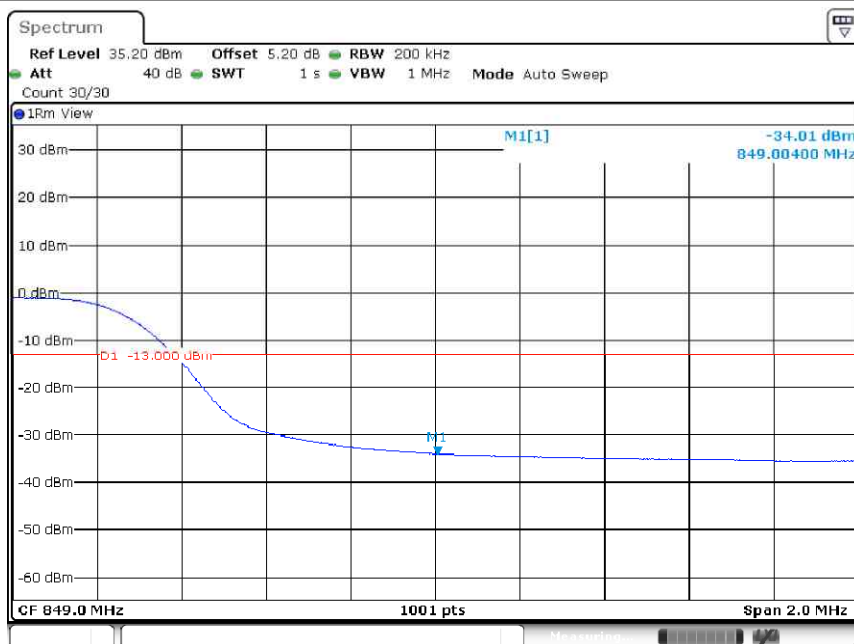


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Band26-15MHz-16QAM-26965-75RB#0



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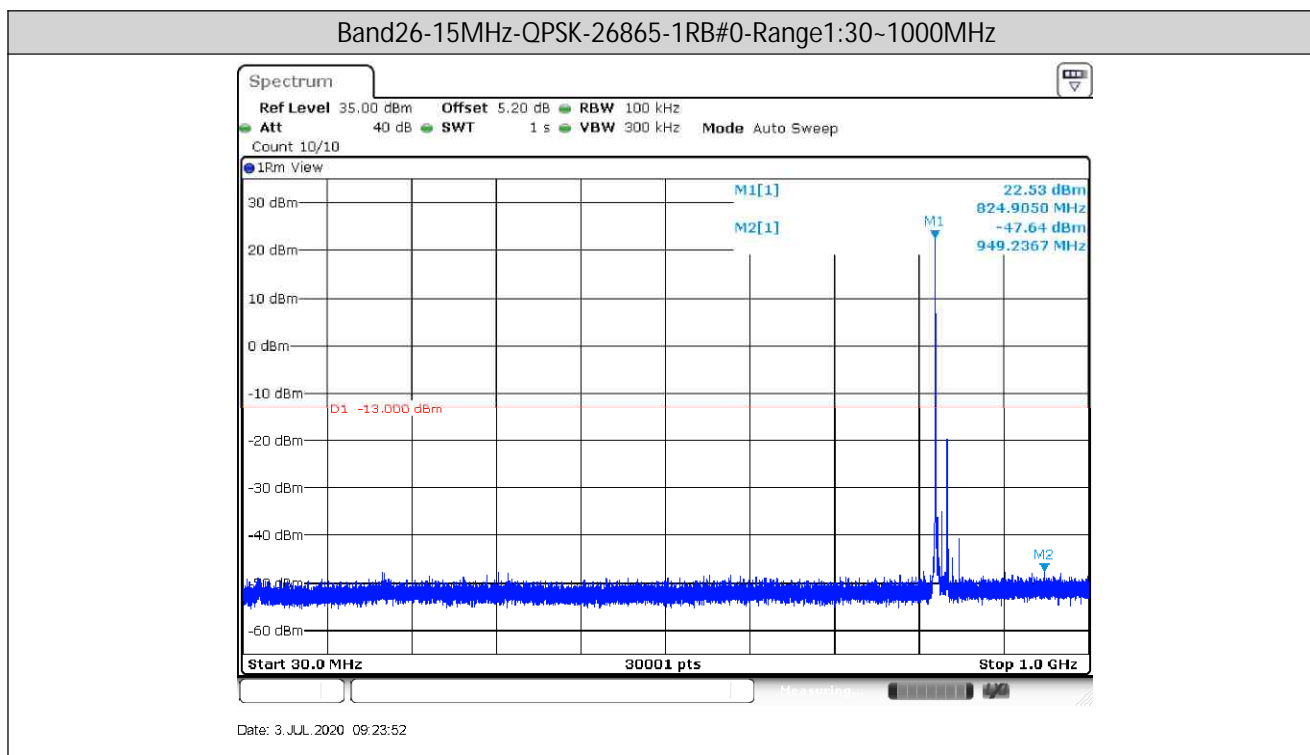


6. Spurious Emission at Antenna Terminal

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.

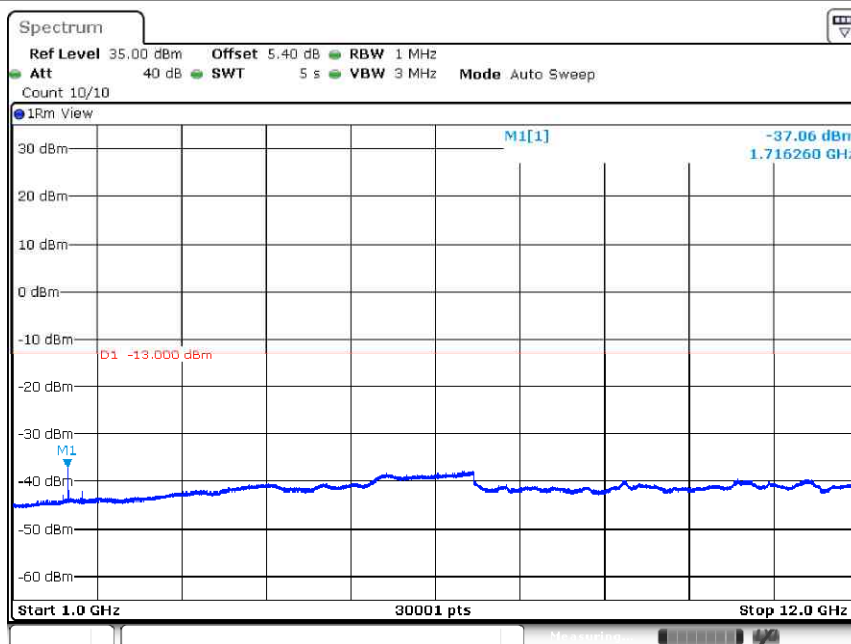
Remark2: only the worst case data displayed in this report.

6.1. Test Plots



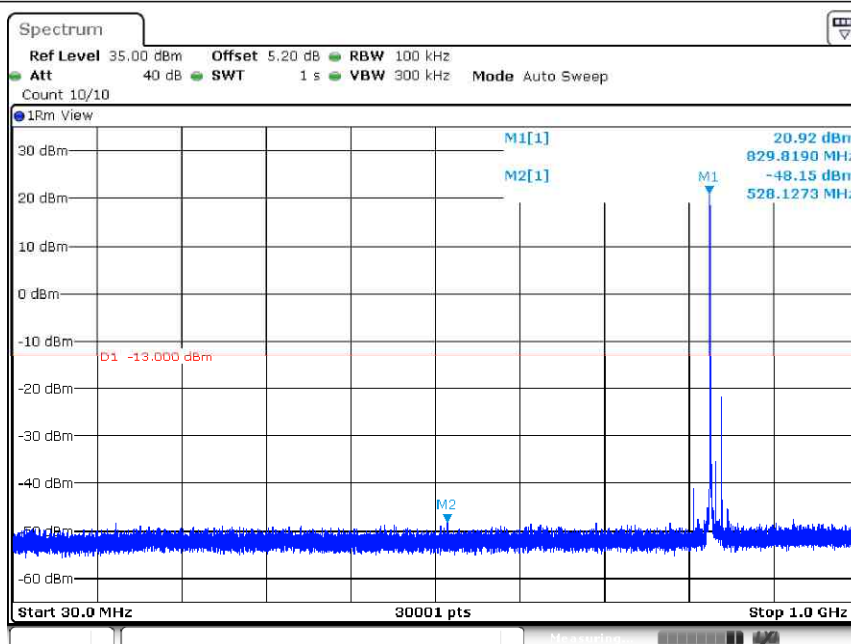


Band26-15MHz-QPSK-26865-1RB#0-Range2:1000~12000MHz



Date: 3 JUL 2020 09:24:59

Band26-15MHz-QPSK-26915-1RB#0-Range1:30~1000MHz



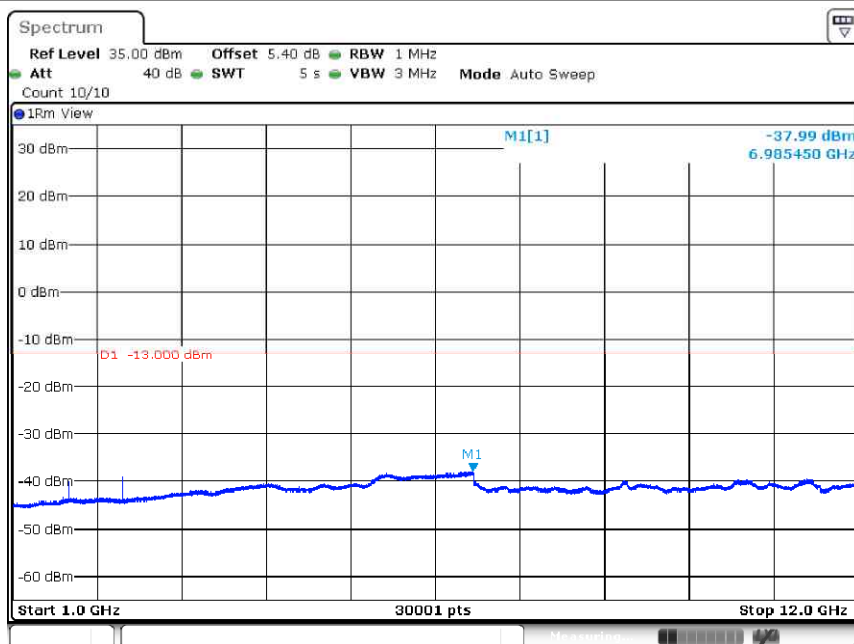
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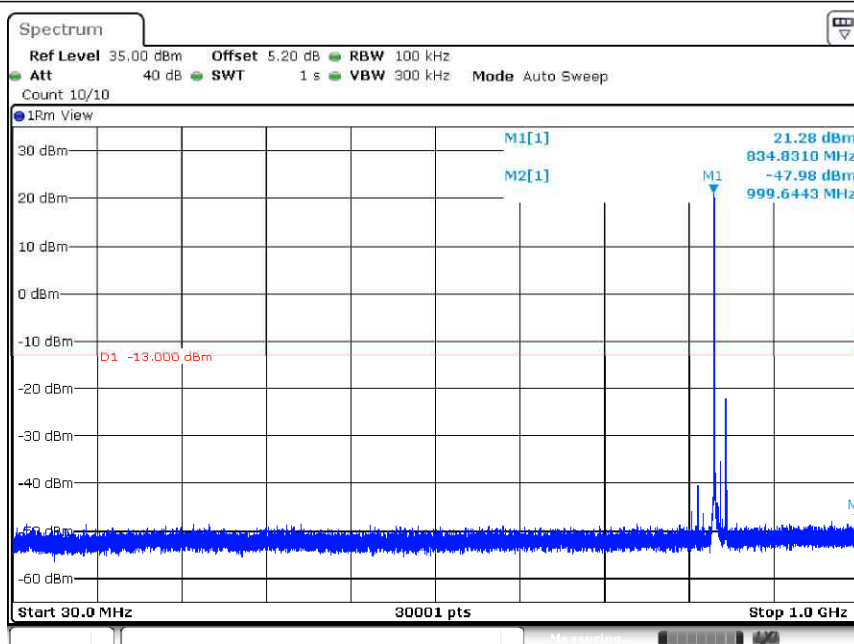
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Band26-15MHz-QPSK-26915-1RB#0-Range2:1000~12000MHz



Date: 3 JUL 2020 09:27:53

Band26-15MHz-QPSK-26965-1RB#0-Range1:30~1000MHz



Date: 3 JUL 2020 09:29:40



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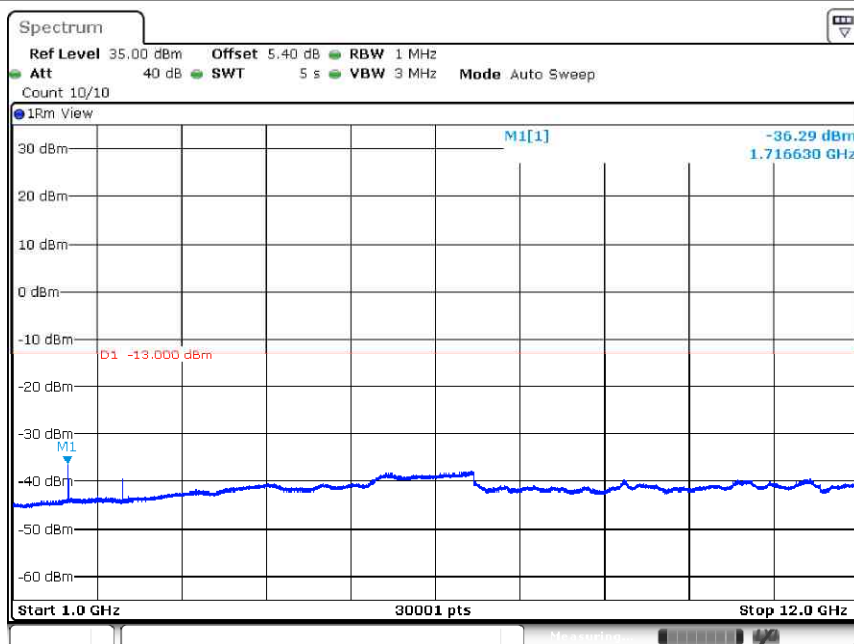
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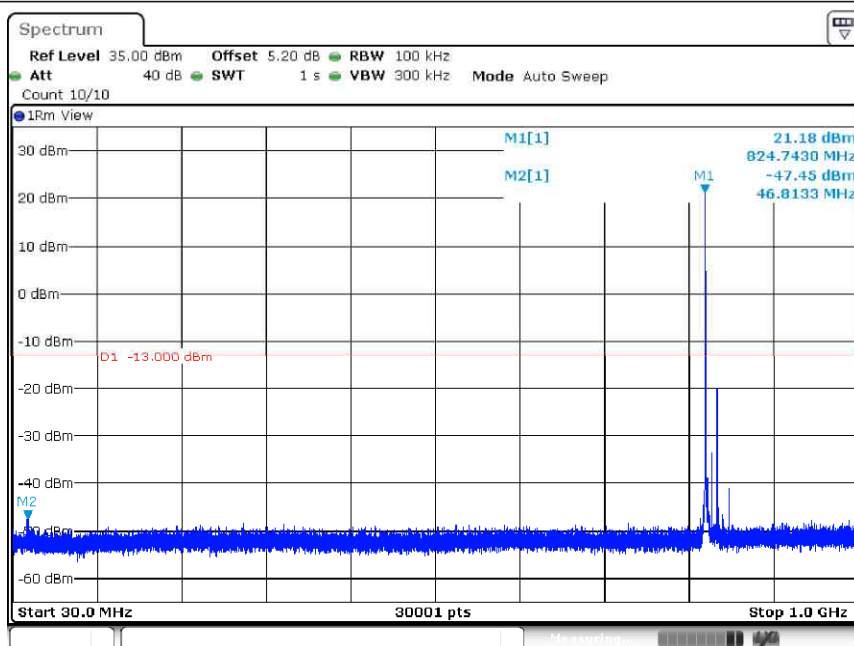


Band26-15MHz-QPSK-26965-1RB#0-Range2:1000~12000MHz



Date: 3 JUL 2020 09:30:48

Band26-15MHz-16QAM-26865-1RB#0-Range1:30~1000MHz



Date: 3 JUL 2020 09:25:19



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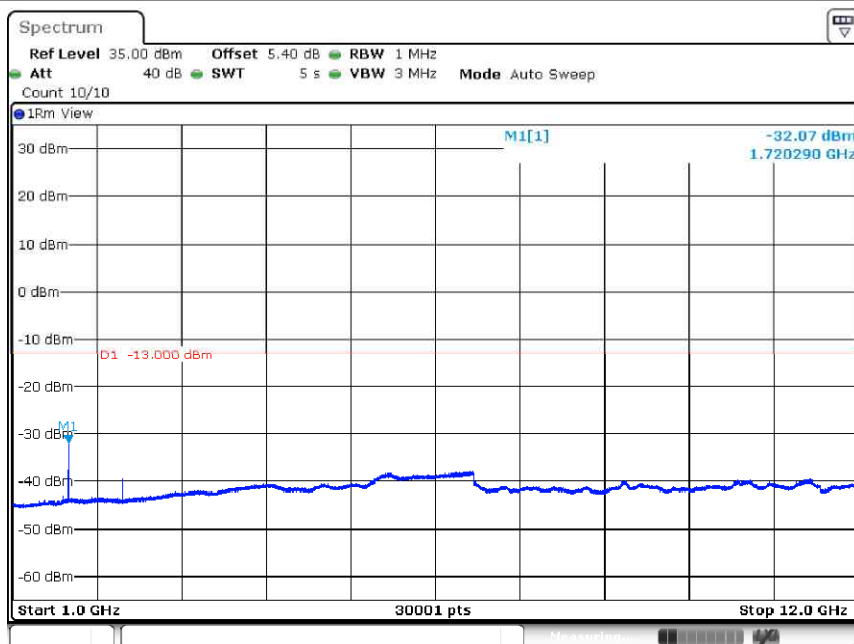
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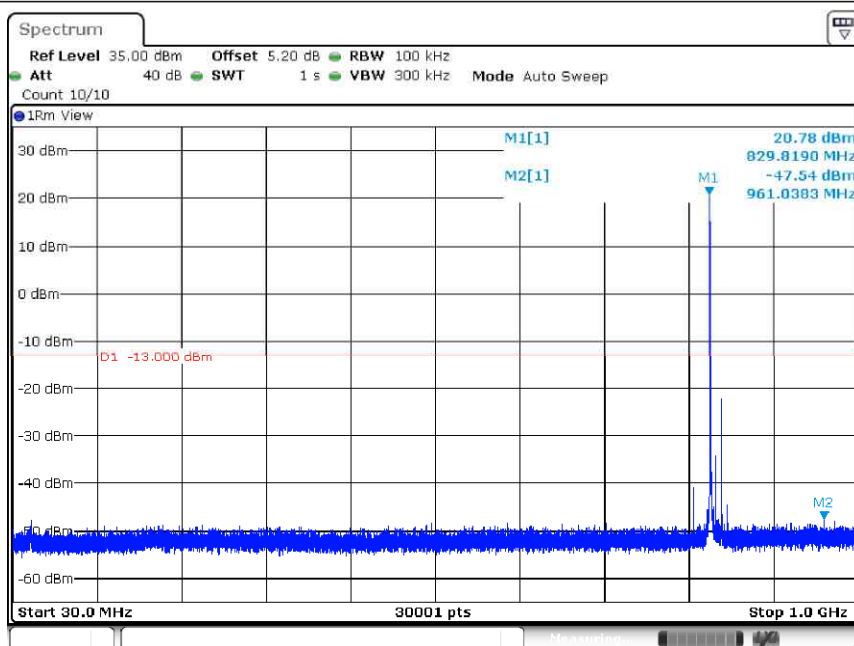


Band26-15MHz-16QAM-26865-1RB#0-Range2:1000~12000MHz



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Band26-15MHz-16QAM-26915-1RB#0-Range1:30~1000MHz



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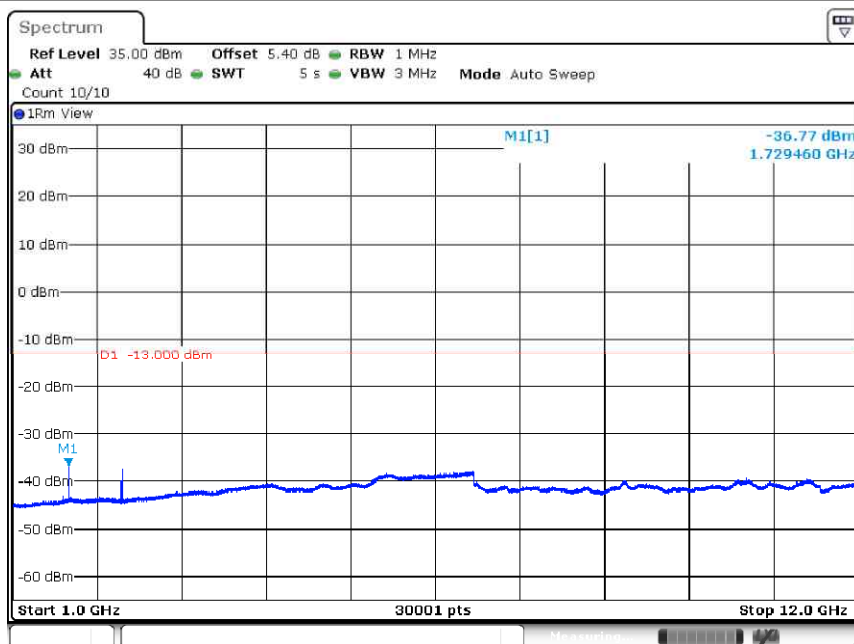
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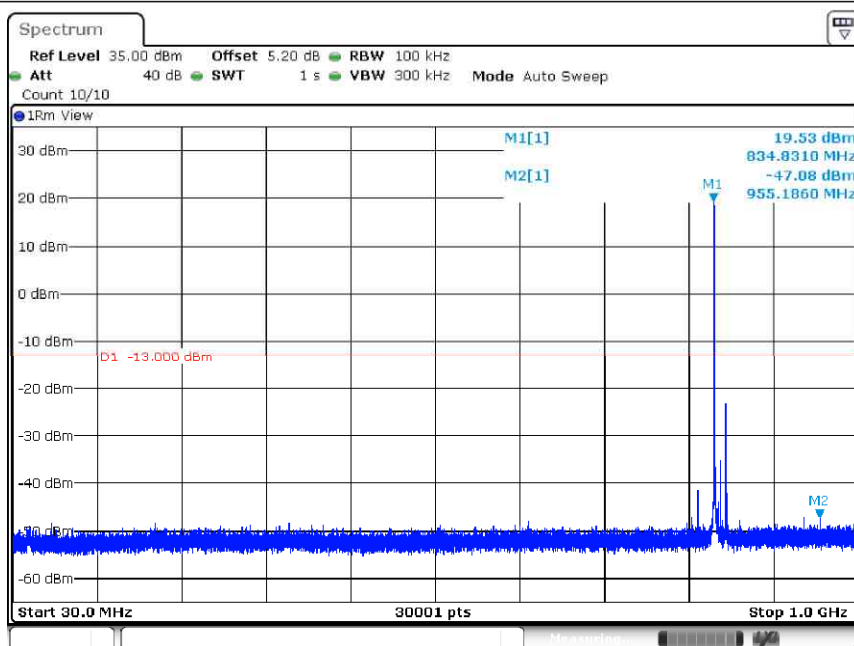


Band26-15MHz-16QAM-26915-1RB#0-Range2:1000~12000MHz



Date: 3 JUL 2020 09:29:20

Band26-15MHz-16QAM-26965-1RB#0-Range1:30~1000MHz



Date: 3 JUL 2020 09:31:07

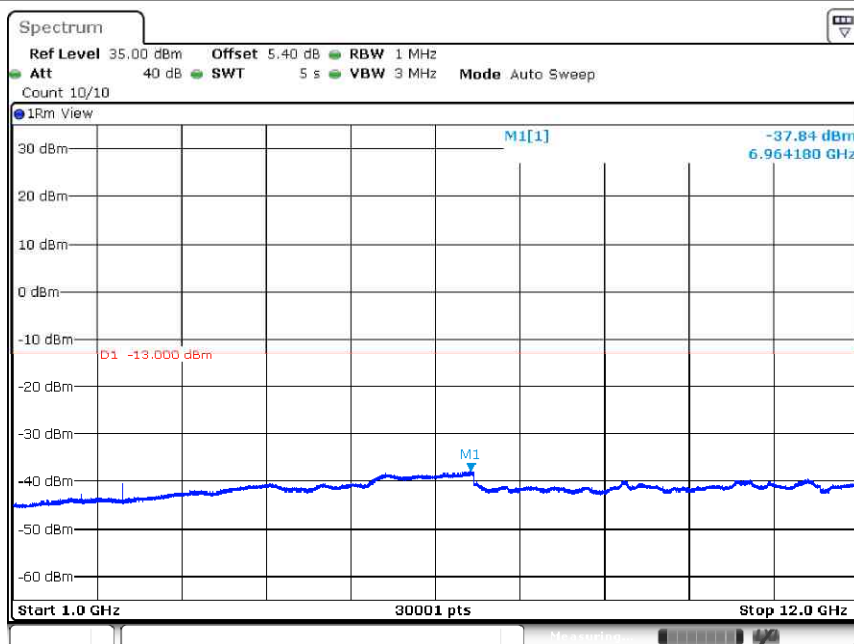


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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 15MHz

7.1.1.Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
117.4014	-65.97	-13.00	52.97	Vertical
633.3702	-63.37	-13.00	50.37	Vertical
1475.2951	-64.89	-13.00	51.89	Vertical
2401.8804	-53.59	-13.00	40.59	Vertical
3592.2197	-60.53	-13.00	47.53	Vertical
7406.5469	-53.13	-13.00	40.13	Vertical
38.7304	-65.96	-13.00	52.96	Horizontal
566.6793	-64.43	-13.00	51.43	Horizontal
1629.7259	-61.88	-13.00	48.88	Horizontal
2444.2889	-53.15	-13.00	40.15	Horizontal
3259.4086	-58.42	-13.00	45.42	Horizontal
7450.3483	-53.03	-13.00	40.03	Horizontal

7.1.2.Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
110.3200	-65.29	-13.00	52.29	Vertical
597.3814	-62.86	-13.00	49.86	Vertical
2480.2961	-54.91	-13.00	41.91	Vertical
3595.4198	-60.31	-13.00	47.31	Vertical
7444.3481	-52.59	-13.00	39.59	Vertical
8809.3936	-51.96	-13.00	38.96	Vertical
42.0286	-67.55	-13.00	54.55	Horizontal
230.9455	-68.31	-13.00	55.31	Horizontal
1649.7299	-60.85	-13.00	47.85	Horizontal
2697.5395	-51.37	-13.00	38.37	Horizontal
7011.5337	-55.42	-13.00	42.42	Horizontal
8805.7935	-52.10	-13.00	39.10	Horizontal



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
108.1374	-66.43	-13.00	53.43	Vertical
584.9647	-63.98	-13.00	50.98	Vertical
2402.2805	-53.54	-13.00	40.54	Vertical
3833.0278	-60.74	-13.00	47.74	Vertical
7473.3491	-52.99	-13.00	39.99	Vertical
8793.5931	-51.98	-13.00	38.98	Vertical
40.0400	-66.80	-13.00	53.80	Horizontal
624.7367	-62.66	-13.00	49.66	Horizontal
1669.3339	-62.23	-13.00	49.23	Horizontal
2504.7009	-49.51	-13.00	36.51	Horizontal
3339.4113	-57.04	-13.00	44.04	Horizontal
8801.9934	-52.29	-13.00	39.29	Horizontal

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 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
Band26	15MHz	QPSK	26865	75RB#0	VL	NT	-0.10	-0.000120	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	VN	NT	0.50	0.000601	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	VH	NT	-0.20	-0.000241	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	VL	NT	-0.50	-0.000598	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	VN	NT	0.40	0.000478	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	VH	NT	-0.50	-0.000598	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	VL	NT	-2.00	-0.002377	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	VN	NT	-3.30	-0.003922	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	VH	NT	-1.20	-0.001426	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	VL	NT	0.70	0.000842	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	VN	NT	0.00	0.000000	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	VH	NT	0.20	0.000241	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	VL	NT	-1.00	-0.001195	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	VN	NT	-1.10	-0.001315	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	VH	NT	-1.10	-0.001315	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	VL	NT	-2.20	-0.002614	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	VN	NT	-1.90	-0.002258	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	VH	NT	-2.60	-0.003090	±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
Band26	15MHz	QPSK	26865	75RB#0	NV	-30	-1.20	-0.001443	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	-20	-0.20	-0.000241	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	0	-1.20	-0.001443	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	10	-0.50	-0.000601	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	20	0.10	0.000120	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	30	-1.20	-0.001443	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	40	0.20	0.000241	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	50	-0.60	-0.000722	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	-30	-0.40	-0.000478	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	-20	-1.30	-0.001554	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	0	-2.00	-0.002391	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	10	-0.70	-0.000837	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	20	-1.00	-0.001195	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	30	0.20	0.000239	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	40	-1.10	-0.001315	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	50	0.30	0.000359	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	-30	-1.20	-0.001426	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	-20	-1.90	-0.002258	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	0	-0.50	-0.000594	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	10	-1.20	-0.001426	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	20	-1.10	-0.001307	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	30	-1.40	-0.001664	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	40	-0.70	-0.000832	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	50	-0.50	-0.000594	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	-30	0.70	0.000842	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	-20	-0.20	-0.000241	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	0	0.30	0.000361	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	10	0.00	0.000000	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	20	0.80	0.000962	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	30	-1.20	-0.001443	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	40	-0.20	-0.000241	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	50	0.80	0.000962	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	-30	0.20	0.000239	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	-20	-0.60	-0.000717	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	0	-0.80	-0.000956	±2.5	PASS



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Band26	15MHz	16QAM	26915	75RB#0	NV	20	-1.00	-0.001195	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	30	0.00	0.000000	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	40	0.10	0.000120	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	50	-0.70	-0.000837	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	-30	-1.80	-0.002139	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	-20	-1.20	-0.001426	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	0	-2.00	-0.002377	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	10	-0.10	-0.000119	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	20	-2.90	-0.003446	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	30	-1.30	-0.001545	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	40	-2.00	-0.002377	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	50	-0.30	-0.000357	±2.5	PASS

