Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power (dBm)	ERP (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.11	19.35	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.15	19.39	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.07	19.31	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.27	19.51	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.35	19.59	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.08	19.32	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.16	18.4	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.04	19.28	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.26	19.5	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.18	19.42	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.30	19.54	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.29	19.53	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.26	19.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.34	18.58	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.04	19.28	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.30	19.54	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.08	19.32	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.17	19.41	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.38	19.62	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.35	19.59	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.31	18.55	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.07	18.31	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.04	18.28	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	21.58	17.82	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.08	18.32	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.08	18.32	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.34	18.58	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.15	17.39	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.15	18.39	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.34	18.58	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.38	18.62	PASS

Band5	1.4MHz	16QAM	20525	3RB#0	22.11	18.35	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.40	18.64	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.14	18.38	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.06	17.3	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.07	18.31	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.54	18.78	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.25	18.49	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.41	18.65	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.31	18.55	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.05	18.29	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.31	17.55	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.12	19.36	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.02	19.26	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.14	19.38	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.01	18.25	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.04	18.28	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.17	18.41	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.13	18.37	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.36	19.6	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.38	19.62	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.51	19.75	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.18	18.42	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.15	18.39	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.49	18.73	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.14	18.38	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.15	19.39	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.14	19.38	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.21	19.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.09	18.33	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.06	18.3	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.16	18.4	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.17	18.41	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.52	18.76	PASS
Band5	3MHz	16QAM	20415	1RB#8	21.88	18.12	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.04	18.28	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.16	17.4	PASS
Band5	3MHz	16QAM	20415	8RB#4	20.75	16.99	PASS

Band5	3MHz	16QAM	20415	8RB#7	21.26	17.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	20.84	17.08	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.44	18.68	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.06	18.3	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.73	18.97	PASS
Band5	3MHz	16QAM	20525	8RB#0	20.99	17.23	PASS
Band5	3MHz	16QAM	20525	8RB#4	20.93	17.17	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.51	17.75	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.04	17.28	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.19	18.43	PASS
Band5	3MHz	16QAM	20635	1RB#8	21.80	18.04	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.18	18.42	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.06	17.3	PASS
Band5	3MHz	16QAM	20635	8RB#4	20.90	17.14	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.19	17.43	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.03	17.27	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.19	19.43	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.11	19.35	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.36	19.6	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.18	18.42	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.09	18.33	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.29	18.53	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.15	18.39	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.18	19.42	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.12	19.36	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.21	19.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.30	18.54	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.32	18.56	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.11	18.35	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.18	18.42	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.14	19.38	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.05	19.29	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.18	19.42	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.17	18.41	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.28	18.52	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.34	18.58	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.29	18.53	PASS

Band5	5MHz	16QAM	20425	1RB#0	22.02	18.26	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.08	18.32	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.35	18.59	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.08	17.32	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.08	17.32	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.38	17.62	PASS
Band5	5MHz	16QAM	20425	25RB#0	20.96	17.2	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.33	18.57	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.24	18.48	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.43	18.67	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.04	17.28	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.18	17.42	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.09	17.33	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.25	17.49	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.08	18.32	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.12	18.36	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.19	18.43	PASS
Band5	5MHz	16QAM	20625	12RB#0	20.98	17.22	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.03	17.27	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.14	17.38	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.32	17.56	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.99	19.23	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.10	19.34	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.20	19.44	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.14	18.38	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.23	18.47	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.19	18.43	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.34	18.58	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.16	19.4	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.25	19.49	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.17	19.41	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.23	18.47	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.24	18.48	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.30	18.54	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.27	18.51	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.09	19.33	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.41	19.65	PASS

Band5	10MHz	QPSK	20600	1RB#49	23.16	19.4	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.32	18.56	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.34	18.58	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.36	18.6	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.26	18.5	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.26	18.5	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.43	18.67	PASS
Band5	10MHz	16QAM	20450	1RB#49	21.98	18.22	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.38	17.62	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.27	17.51	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.35	17.59	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.20	17.44	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.12	18.36	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.52	18.76	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.18	18.42	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.24	17.48	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.31	17.55	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.46	17.7	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.23	17.47	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.15	18.39	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.41	18.65	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.29	18.53	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.26	17.5	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.27	17.51	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.28	17.52	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.20	17.44	PASS

Remark:ERP (dBm) = Conducted power (dBm) + Antenna Gain (dBi)-2.15(dB).

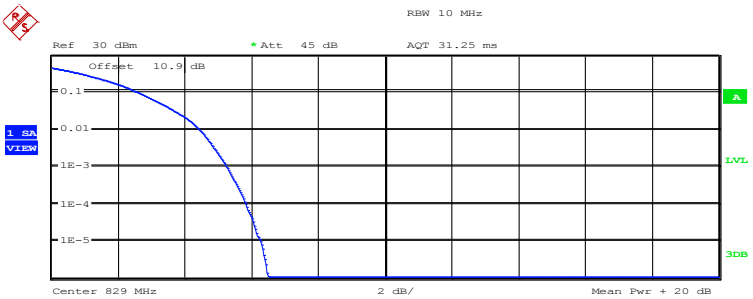
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	5.26	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.16	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.29	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.19	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.03	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.19	13	PASS

Test Graphs

Band5-10MHz-QPSK-20450-50RB#0

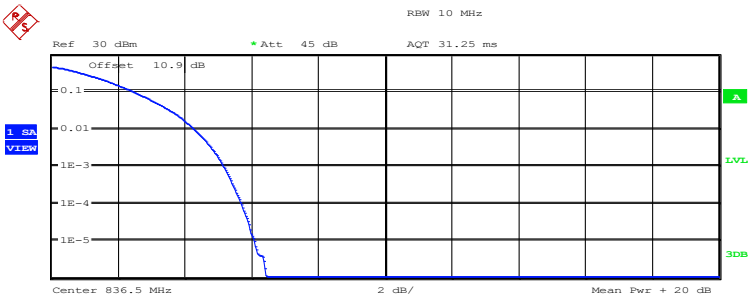


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	21.29 dBm
Peak	27.80 dBm
Crest	6.51 dB
10 %	2.56 dB
1 %	4.42 dB
.1 %	5.26 dB
.01 %	5.83 dB

Date: 9.JUL.2021 03:59:14

Band5-10MHz-QPSK-20525-50RB#0

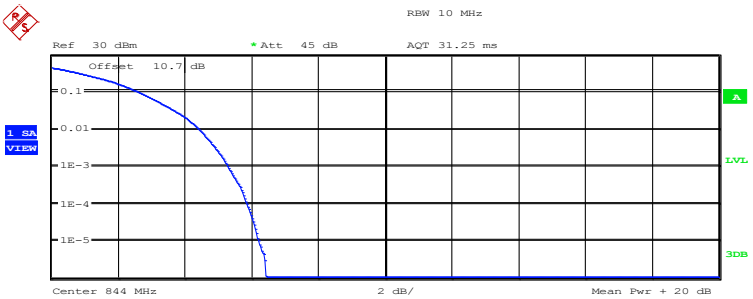


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	21.33 dBm
Peak	27.80 dBm
Crest	6.46 dB
10 %	2.47 dB
1 %	4.23 dB
.1 %	5.16 dB
.01 %	5.67 dB

Date: 9.JUL.2021 03:59:35

Band5-10MHz-QPSK-20600-50RB#0

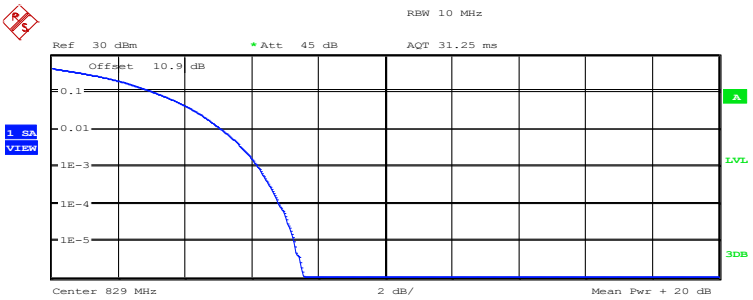


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	21.21 dBm
Peak	27.66 dBm
Crest	6.45 dB
10 %	2.60 dB
1 %	4.39 dB
.1 %	5.29 dB
.01 %	5.87 dB

Date: 9.JUL.2021 03:59:57

Band5-10MHz-16QAM-20450-50RB#0

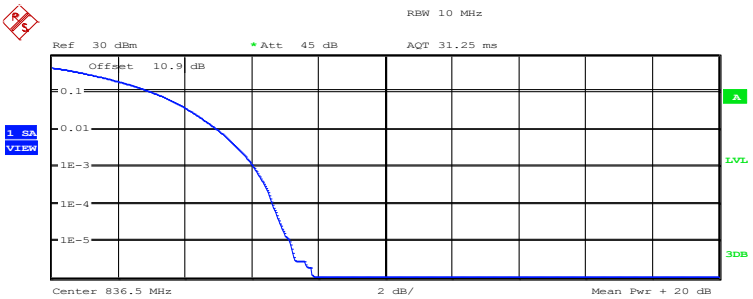


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	20.25 dBm
Peak	27.87 dBm
Crest	7.62 dB
10 %	3.04 dB
1 %	5.06 dB
.1 %	6.19 dB
.01 %	6.79 dB

Date: 9.JUL.2021 03:59:24

Band5-10MHz-16QAM-20525-50RB#0

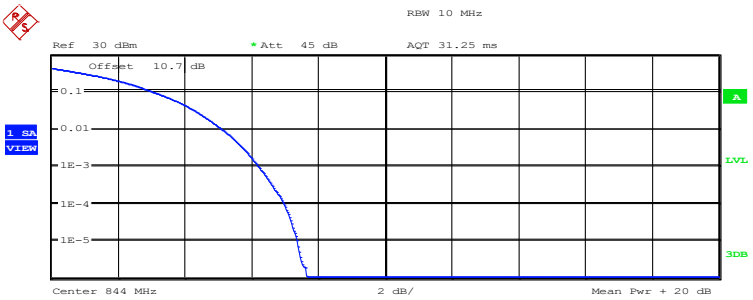


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	20.30 dBm
Peak	28.15 dBm
Crest	7.85 dB
10 %	2.98 dB
1 %	4.94 dB
.1 %	6.03 dB
.01 %	6.63 dB

Date: 9.JUL.2021 03:59:46

Band5-10MHz-16QAM-20600-50RB#0



Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	20.26 dBm
Peak	27.94 dBm
Crest	7.68 dB
10 %	3.04 dB
1 %	5.10 dB
.1 %	6.19 dB
.01 %	6.96 dB

Date: 9.JUL.2021 04:00:08

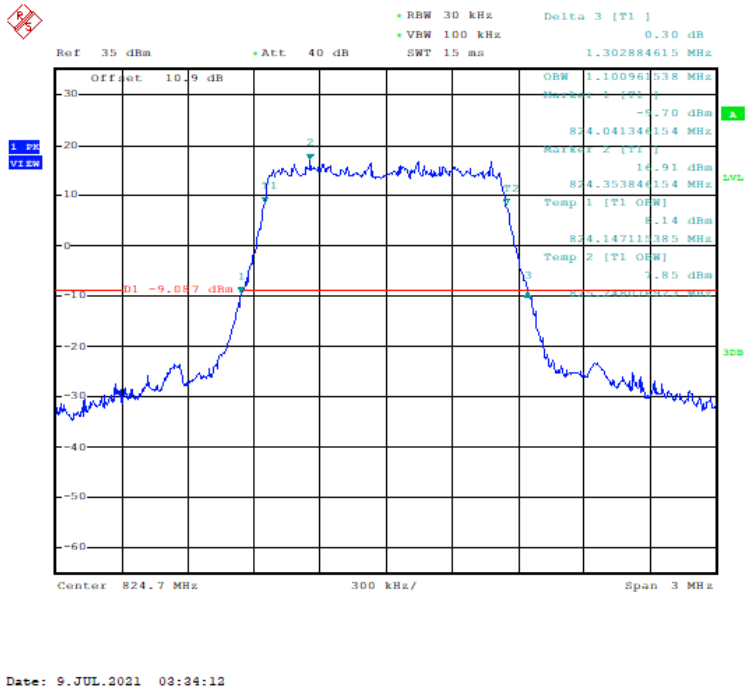
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

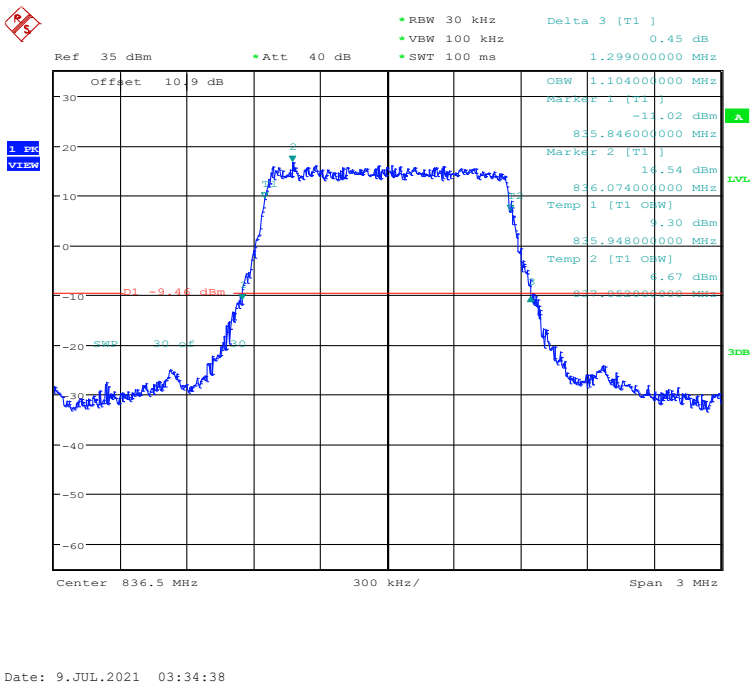
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.101	1.303	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.104	1.299	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.101	1.320	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.098	1.308	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.092	1.296	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.104	1.317	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.706	2.970	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7	2.982	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7	2.988	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.682	2.982	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.694	2.970	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.682	2.946	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.49	4.980	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.48	4.940	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.48	4.910	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.49	4.940	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.49	4.950	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.48	4.960	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.94	9.700	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.94	9.700	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.94	9.720	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.92	9.620	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.94	9.680	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.94	9.720	PASS

Test Graphs

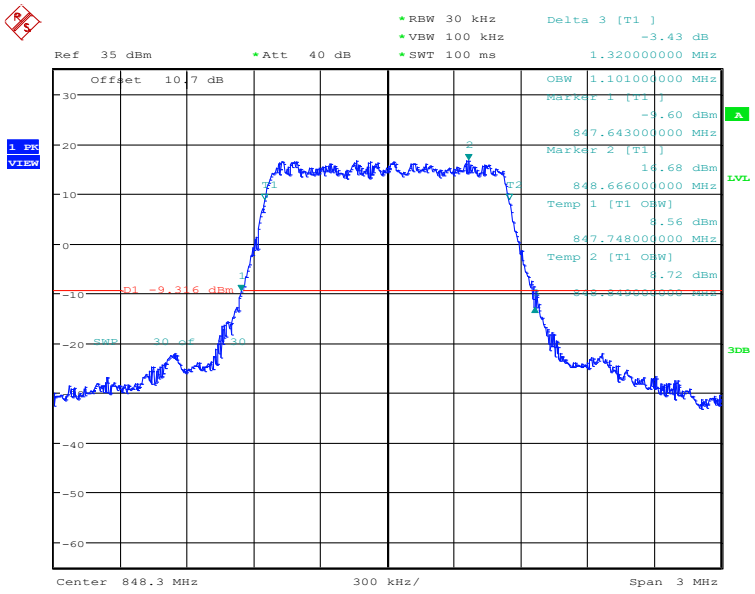
Band5-1.4MHz-QPSK-20407-6RB#0



Band5-1.4MHz-QPSK-20525-6RB#0

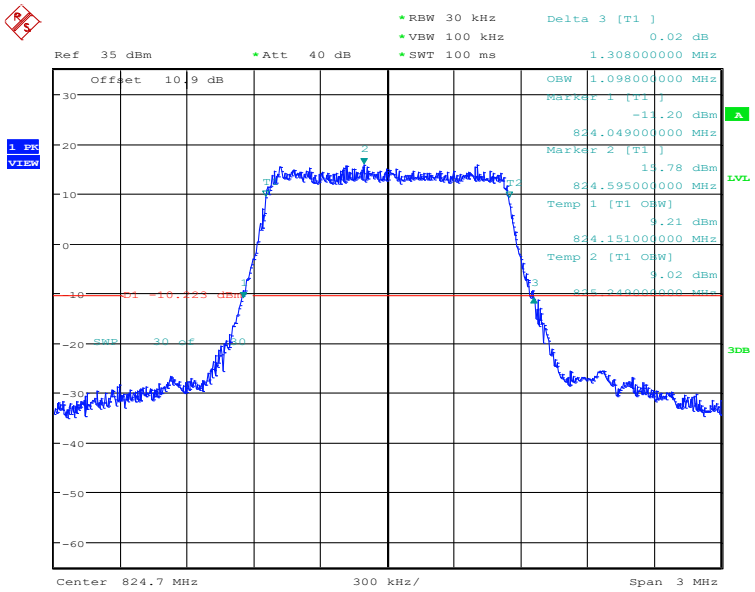


Band5-1.4MHz-QPSK-20643-6RB#0



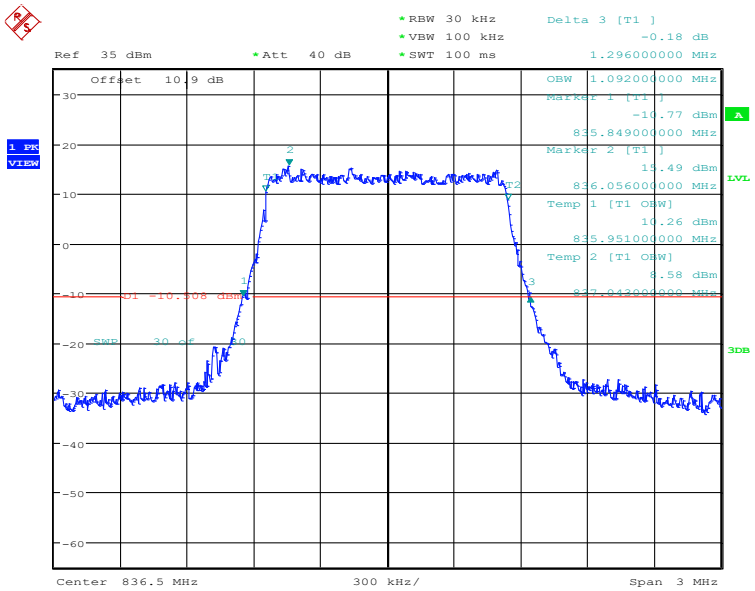
Date: 9.JUL.2021 03:35:03

Band5-1.4MHz-16QAM-20407-6RB#0



Date: 9.JUL.2021 03:34:25

Band5-1.4MHz-16QAM-20525-6RB#0



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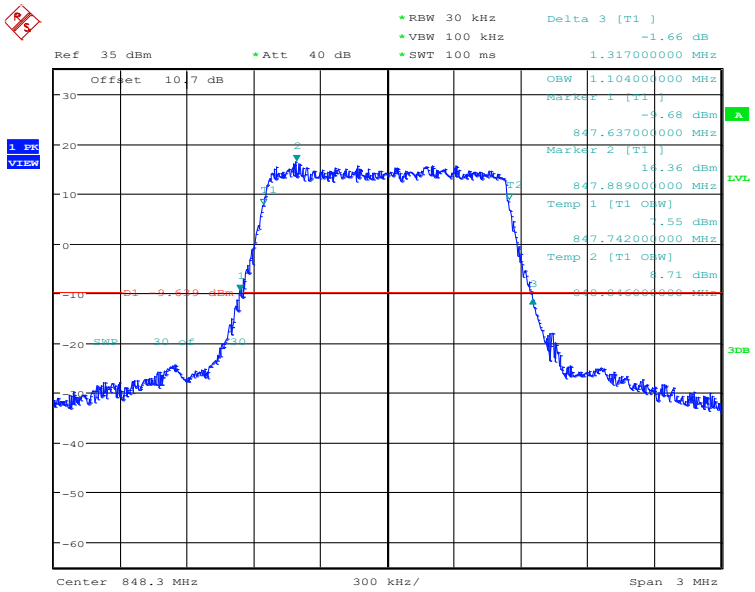
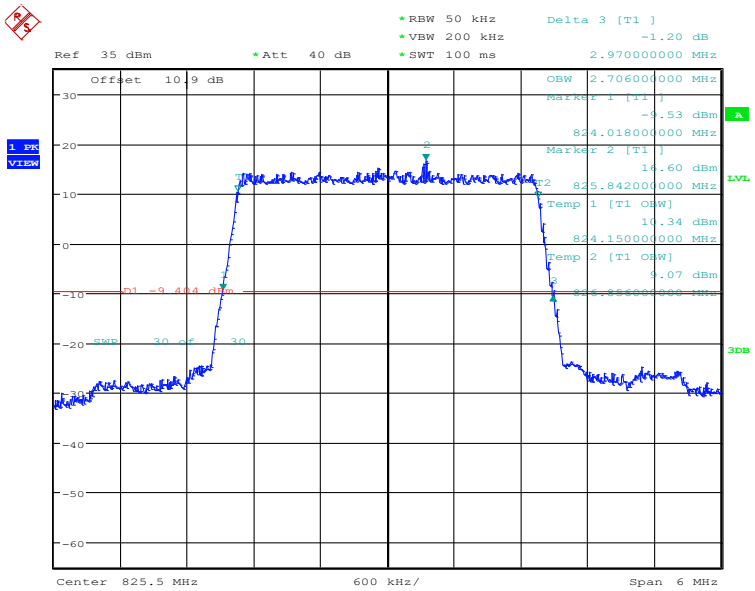
Band5-1.4MHz-16QAM-20643-6RB#0



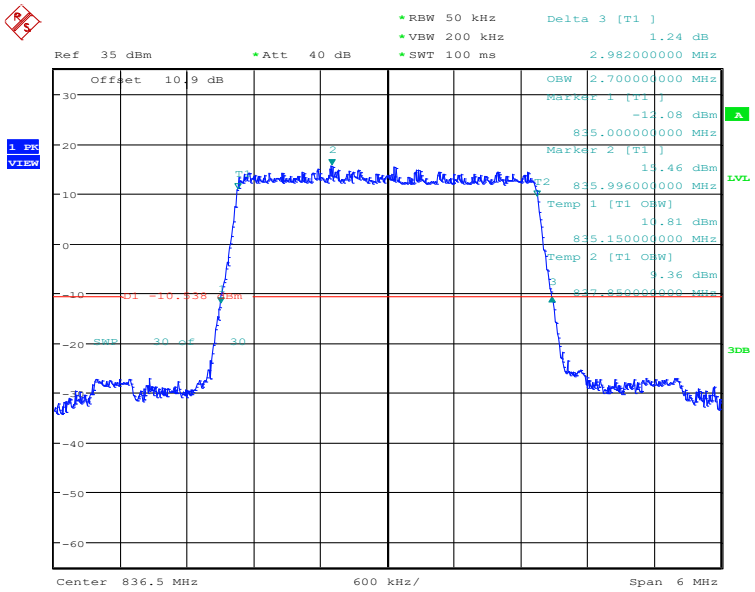
Date: 9.JUL.2021 03:35:16

Band5-3MHz-QPSK-20415-15RB#0



Date: 9.JUL.2021 03:36:16

Band5-3MHz-QPSK-20525-15RB#0



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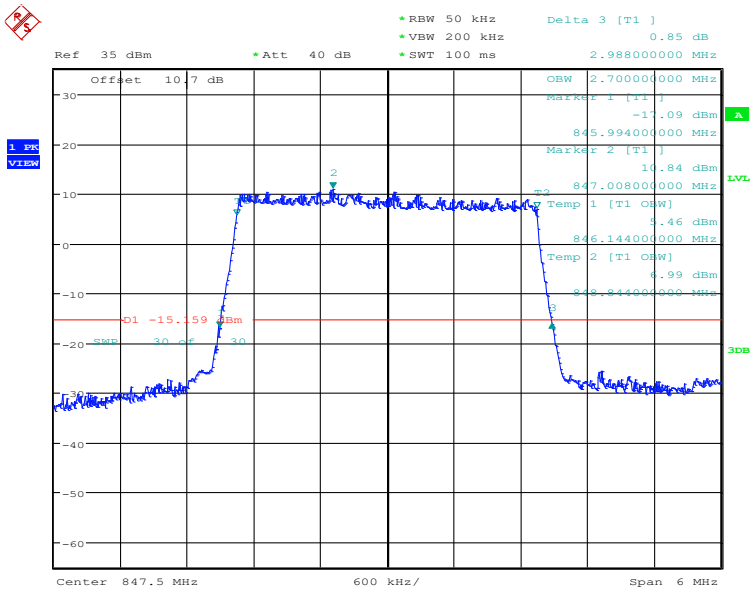

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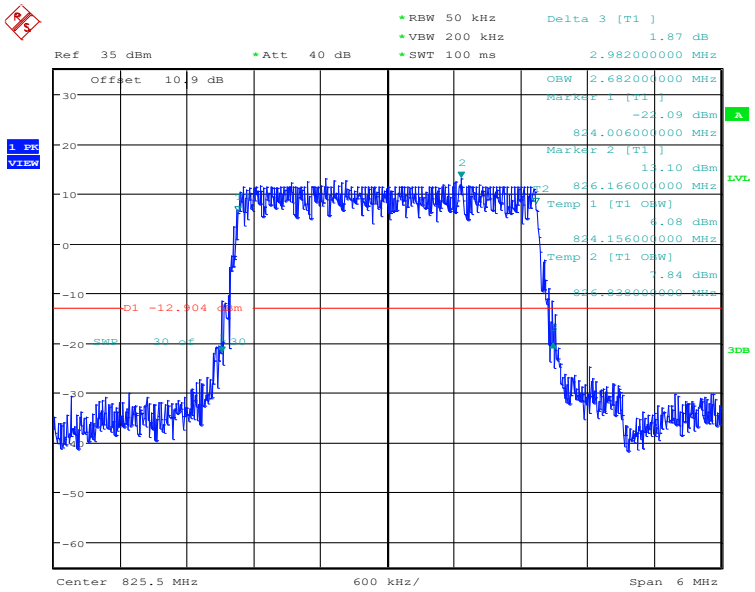

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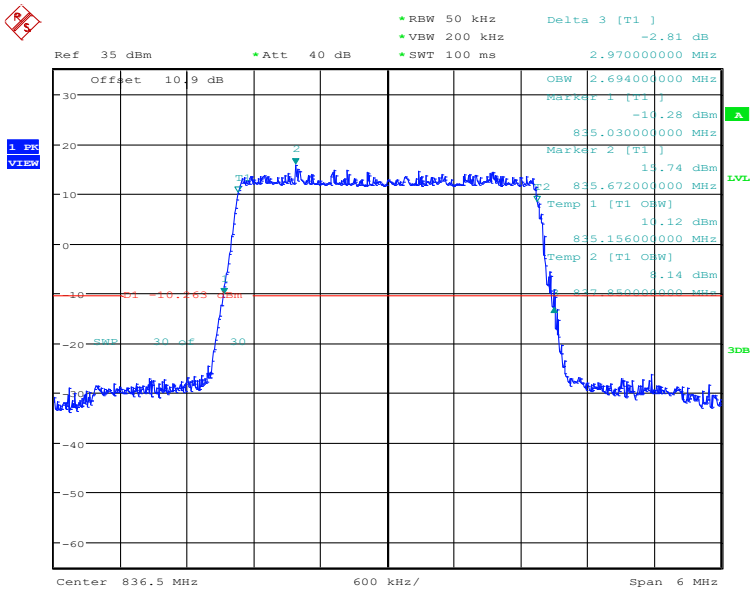

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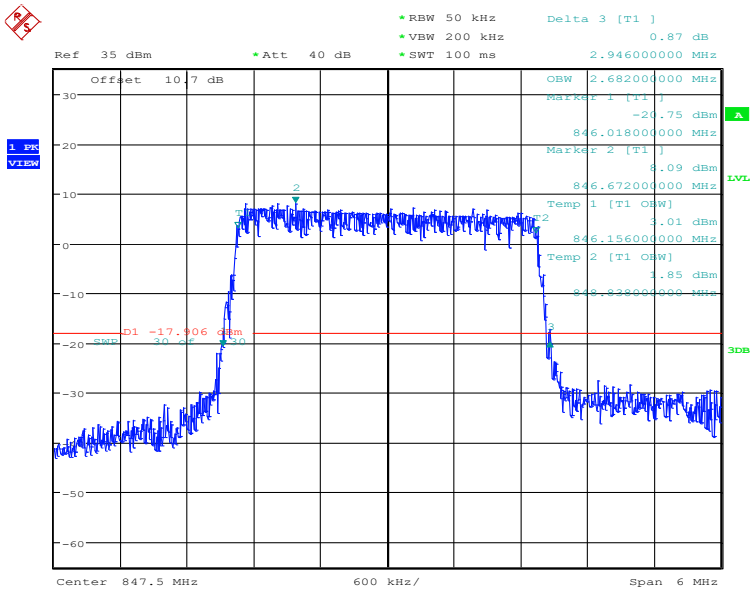

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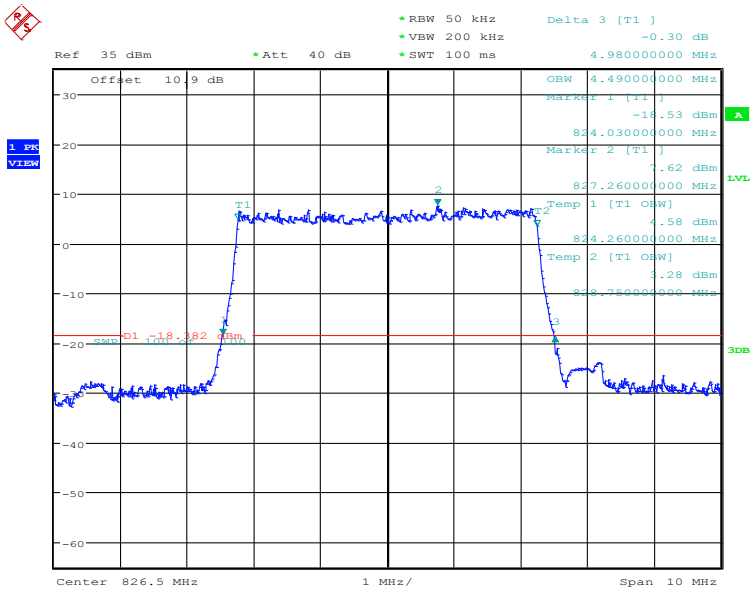

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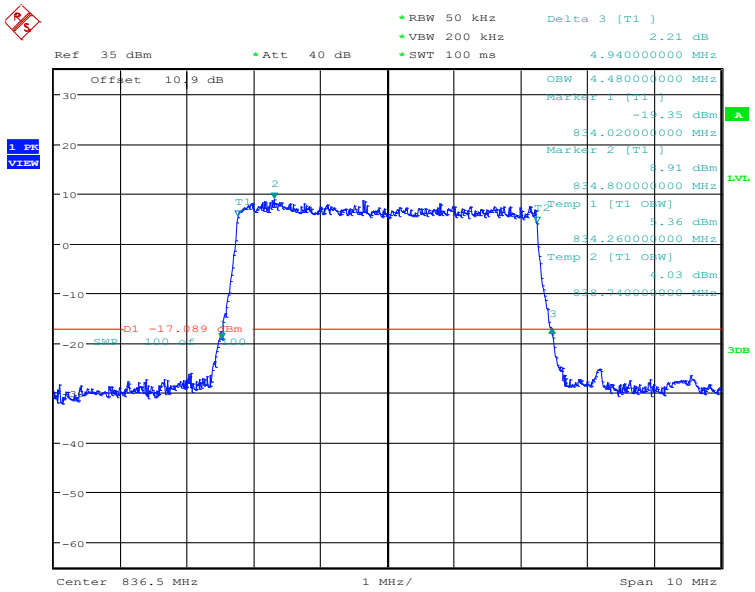

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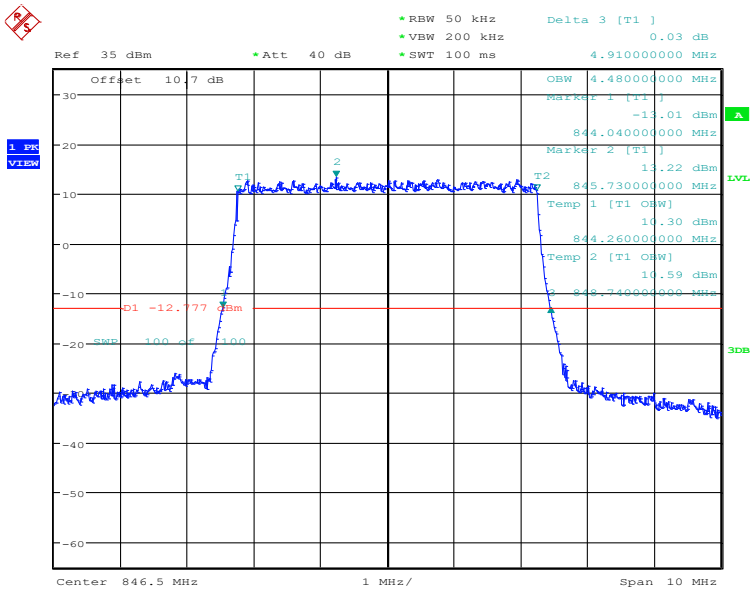

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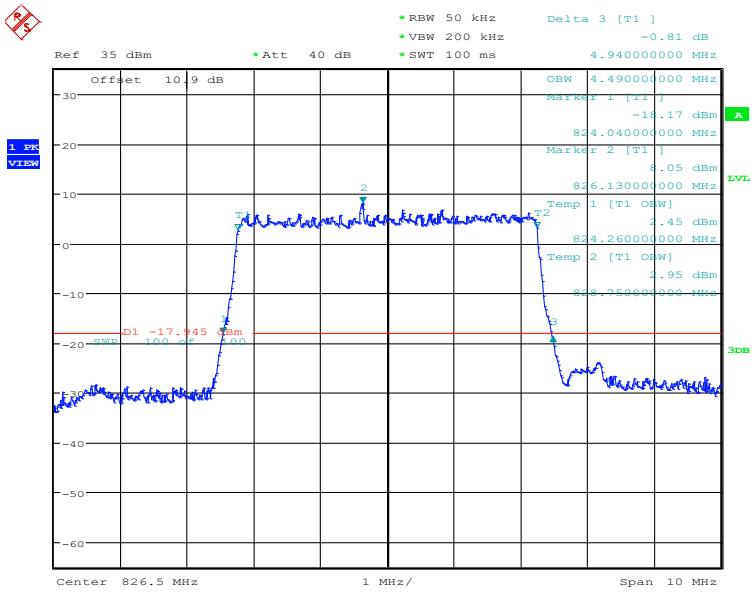

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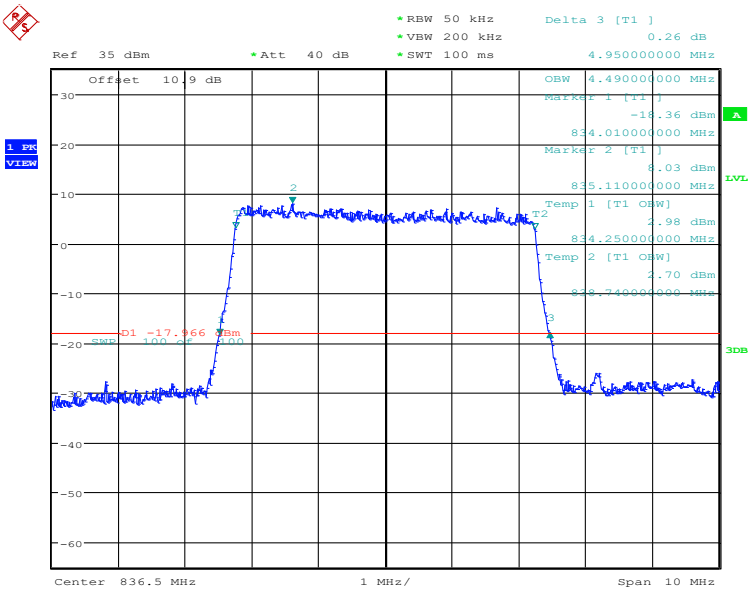

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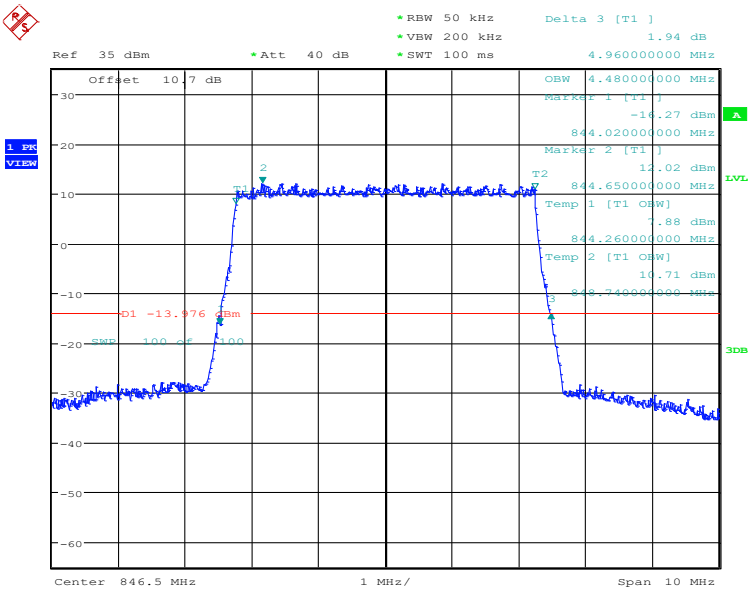

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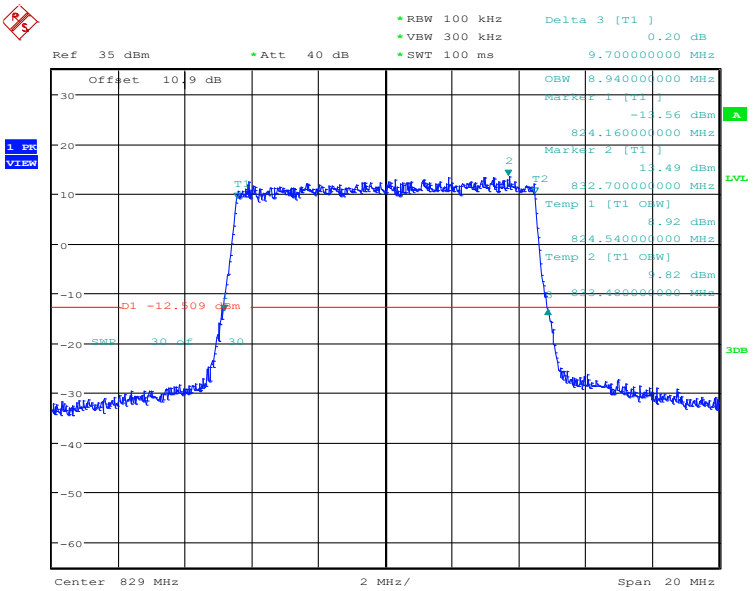
Band5-10MHz-QPSK-20450-50RB#0



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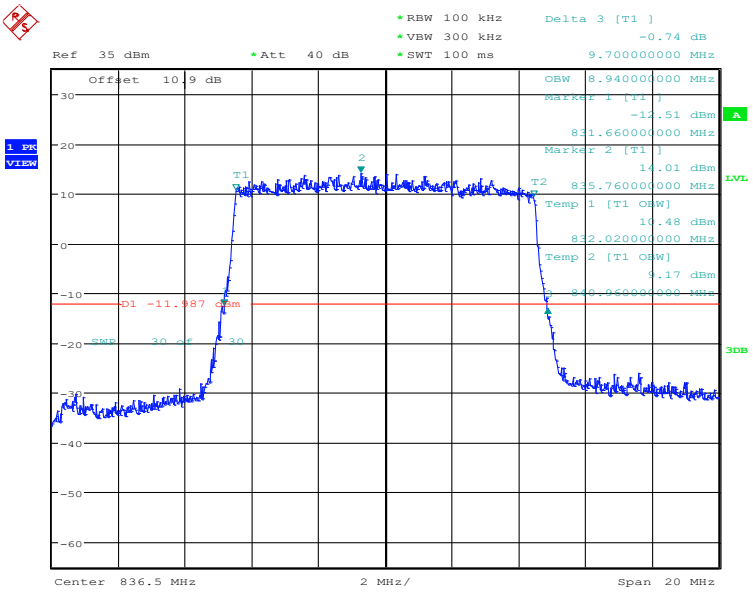

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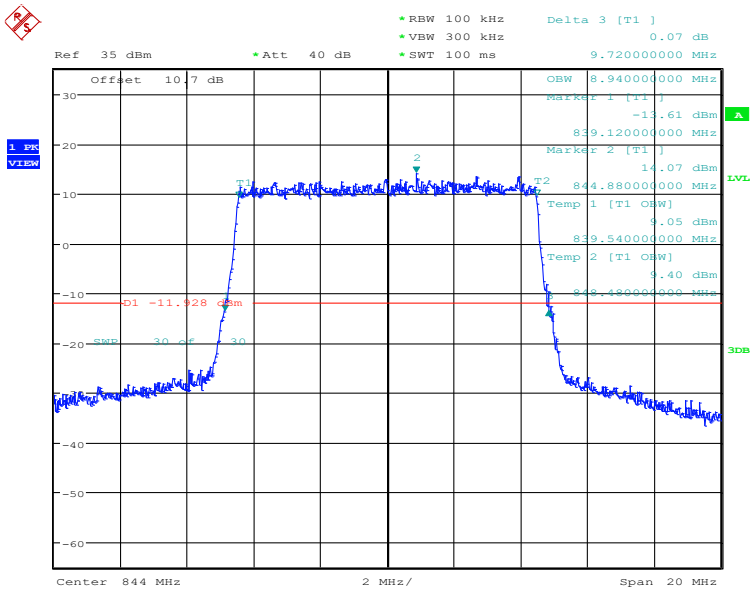

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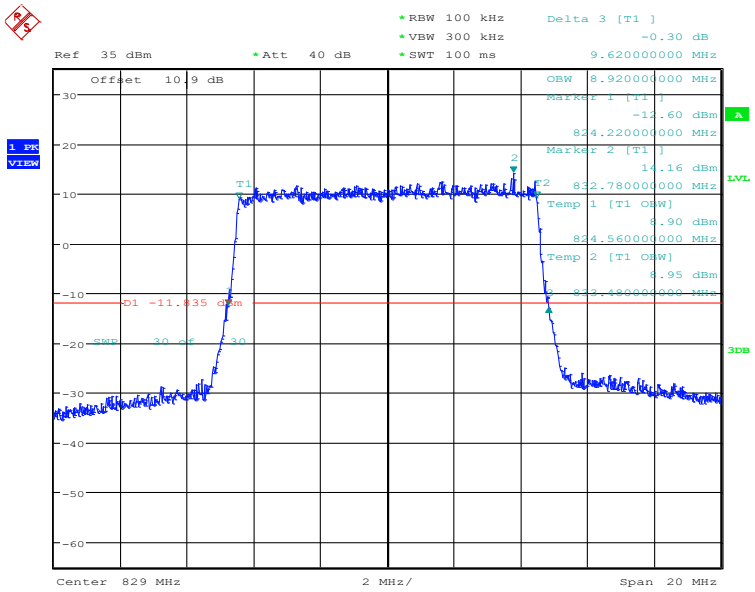
Band5-10MHz-16QAM-20450-50RB#0



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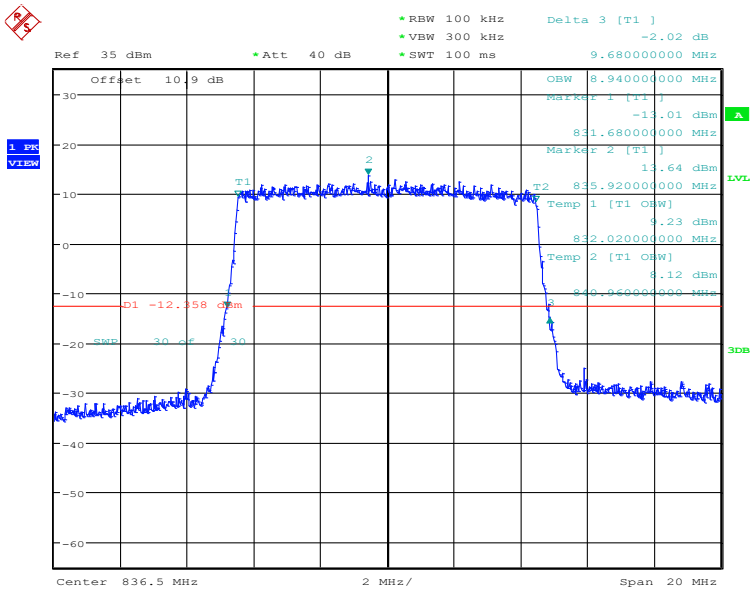

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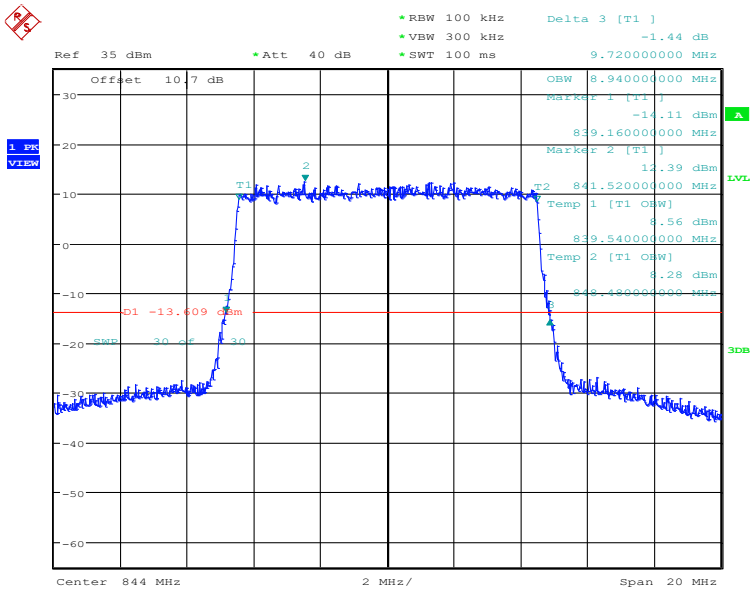

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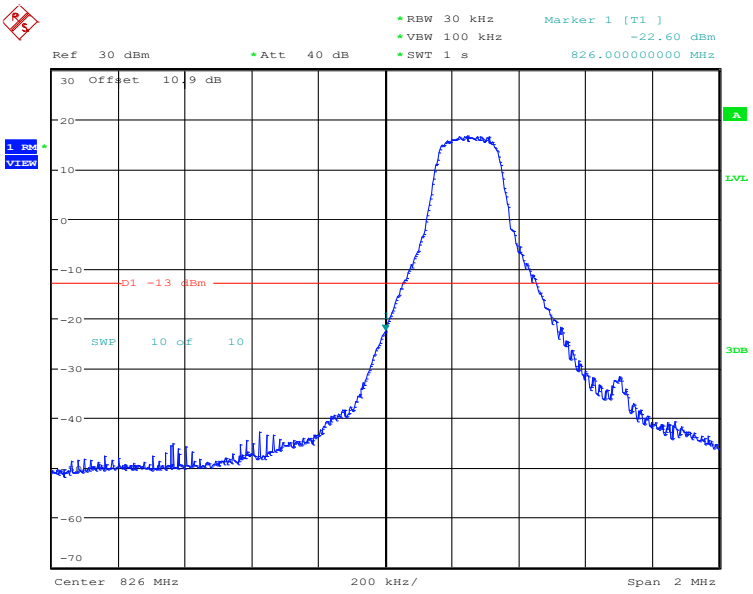
Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20427	1RB#0	-22.60	PASS
Band5	1.4MHz	QPSK	20427	6RB#0	-26.65	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-21.42	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-26.74	PASS
Band5	1.4MHz	16QAM	20427	1RB#0	-21.92	PASS
Band5	1.4MHz	16QAM	20427	6RB#0	-27.41	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-21.31	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-27.19	PASS
Band5	3MHz	QPSK	20415	1RB#0	-22.05	PASS
Band5	3MHz	QPSK	20415	15RB#0	-26.67	PASS
Band5	3MHz	QPSK	20635	1RB#14	-21.14	PASS
Band5	3MHz	QPSK	20635	15RB#0	-27.53	PASS
Band5	3MHz	16QAM	20415	1RB#0	-21.13	PASS
Band5	3MHz	16QAM	20415	15RB#0	-28.90	PASS
Band5	3MHz	16QAM	20635	1RB#14	-21.71	PASS
Band5	3MHz	16QAM	20635	15RB#0	-28.97	PASS
Band5	5MHz	QPSK	20425	1RB#0	-21.62	PASS
Band5	5MHz	QPSK	20425	25RB#0	-28.08	PASS
Band5	5MHz	QPSK	20625	1RB#24	-21.84	PASS
Band5	5MHz	QPSK	20625	25RB#0	-27.61	PASS
Band5	5MHz	16QAM	20425	1RB#0	-22.73	PASS
Band5	5MHz	16QAM	20425	25RB#0	-29.01	PASS
Band5	5MHz	16QAM	20625	1RB#24	-22.22	PASS
Band5	5MHz	16QAM	20625	25RB#0	-28.96	PASS
Band5	10MHz	QPSK	20450	1RB#0	-32.55	PASS
Band5	10MHz	QPSK	20450	50RB#0	-31.26	PASS
Band5	10MHz	QPSK	20600	1RB#49	-30.75	PASS
Band5	10MHz	QPSK	20600	50RB#0	-30.81	PASS
Band5	10MHz	16QAM	20450	1RB#0	-31.00	PASS
Band5	10MHz	16QAM	20450	50RB#0	-32.92	PASS
Band5	10MHz	16QAM	20600	1RB#49	-31.67	PASS
Band5	10MHz	16QAM	20600	50RB#0	-31.60	PASS

Test Graphs

Band5-1.4MHz-QPSK-20427-1RB#0



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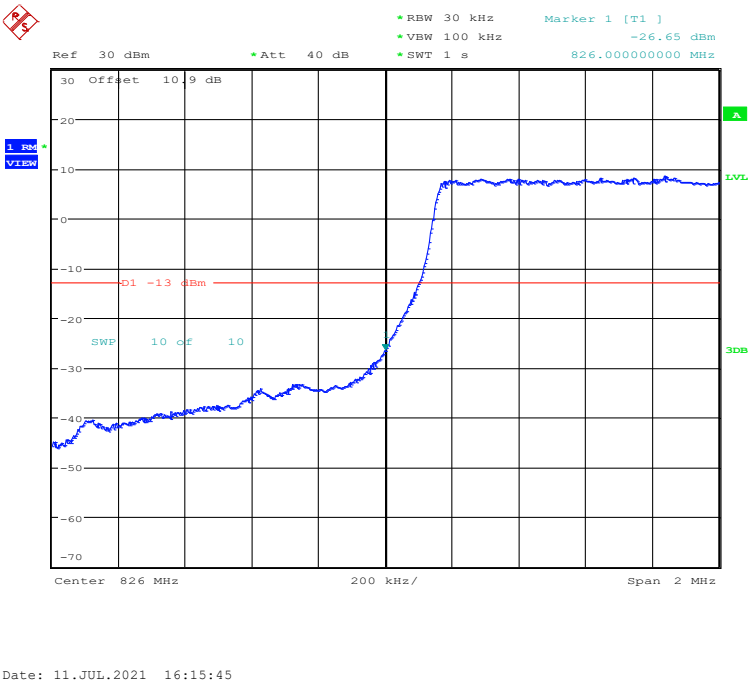

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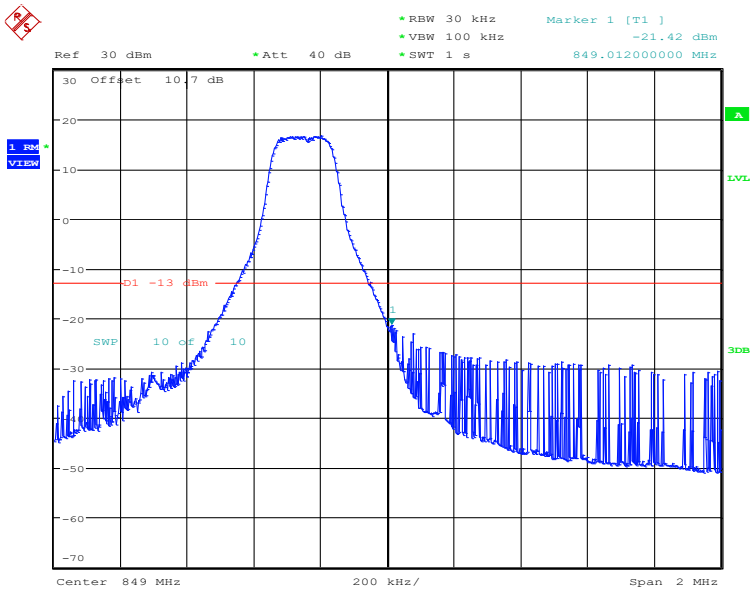
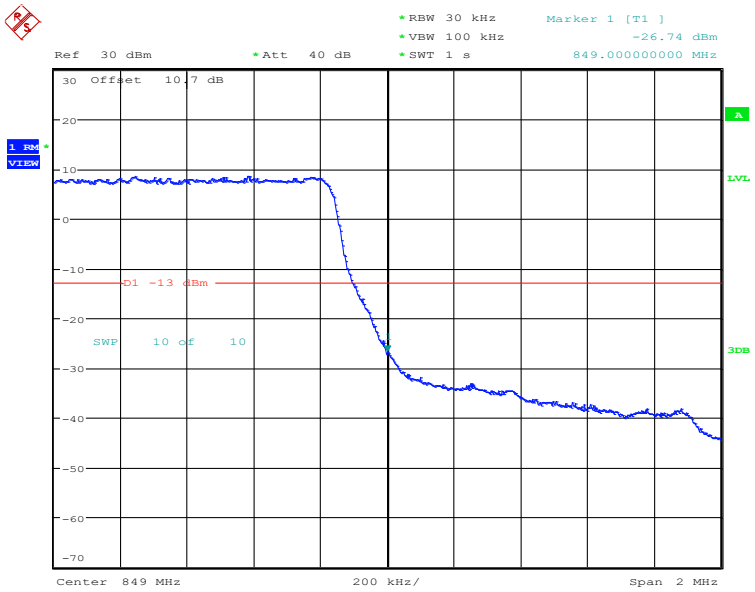
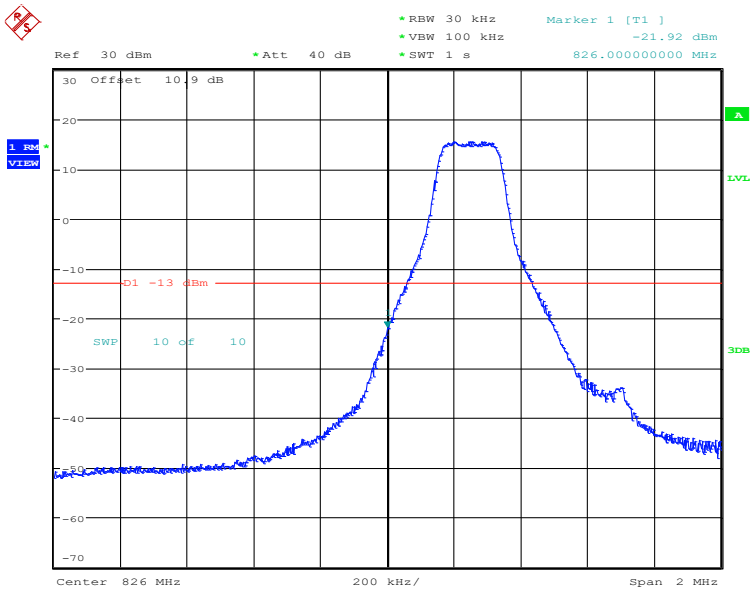


Band5-1.4MHz-QPSK-20643-6RB#0



Band5-1.4MHz-16QAM-20427-1RB#0



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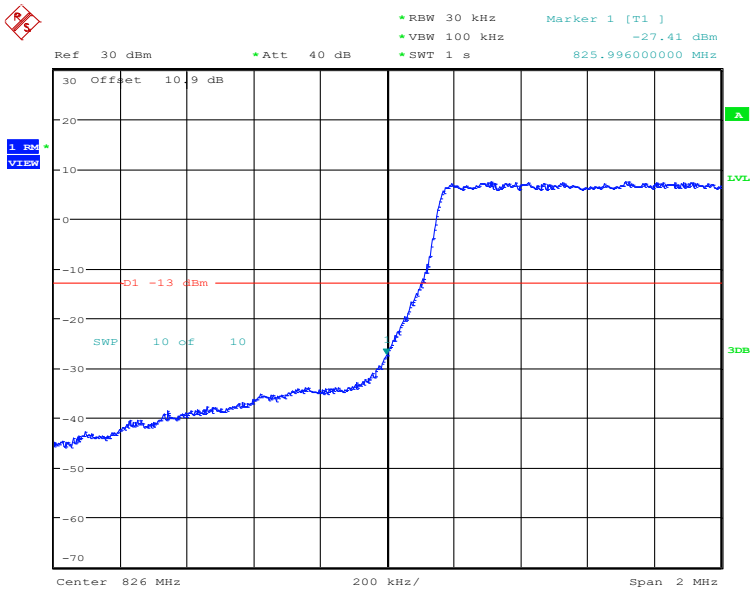

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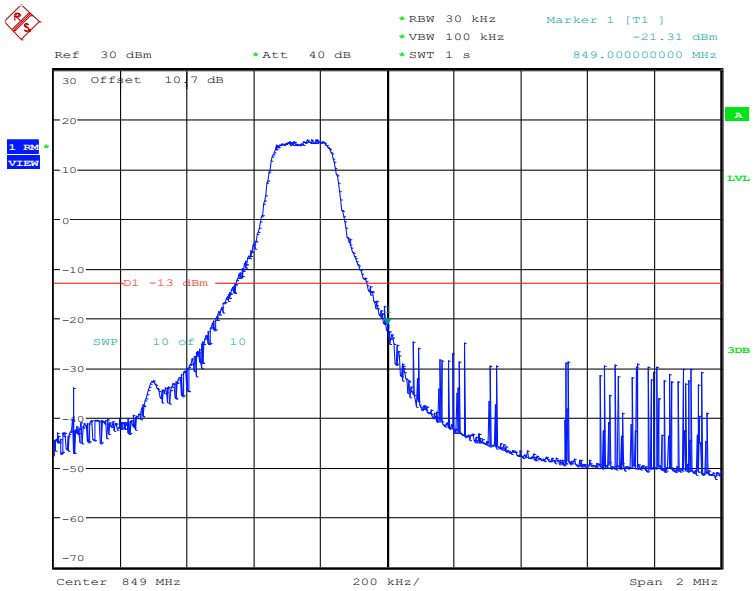

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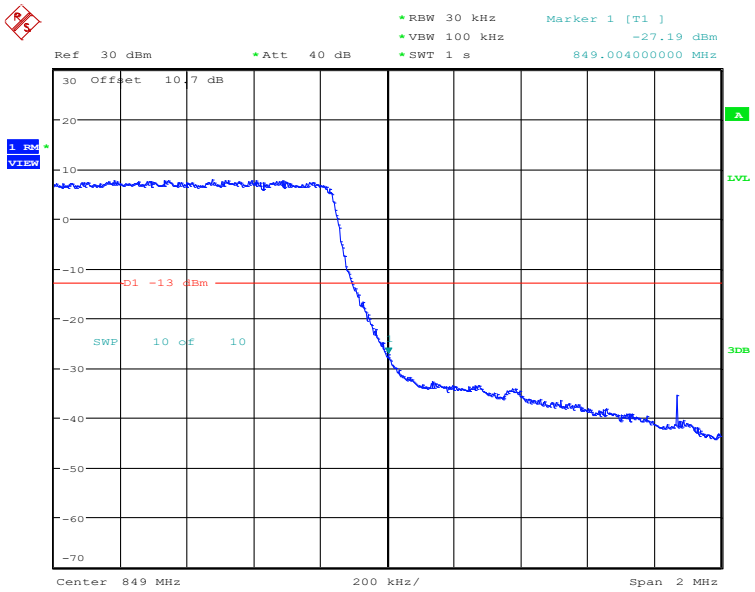
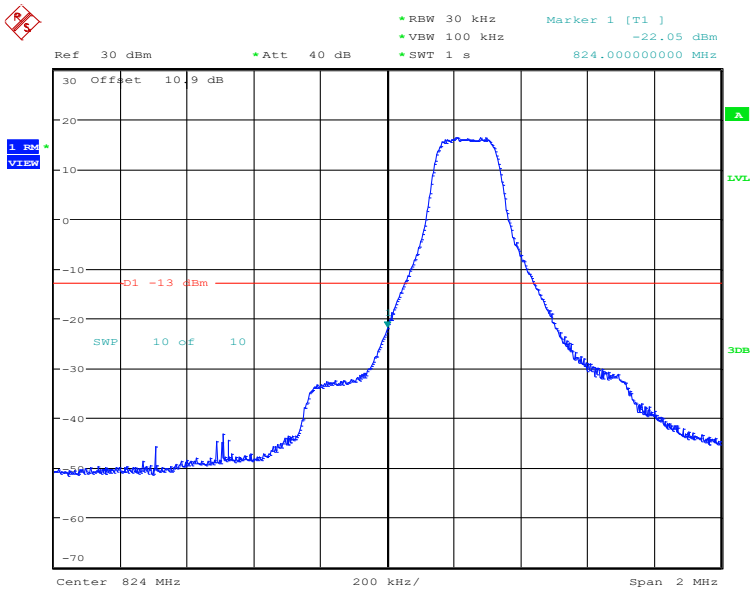


Band5-3MHz-QPSK-20415-1RB#0



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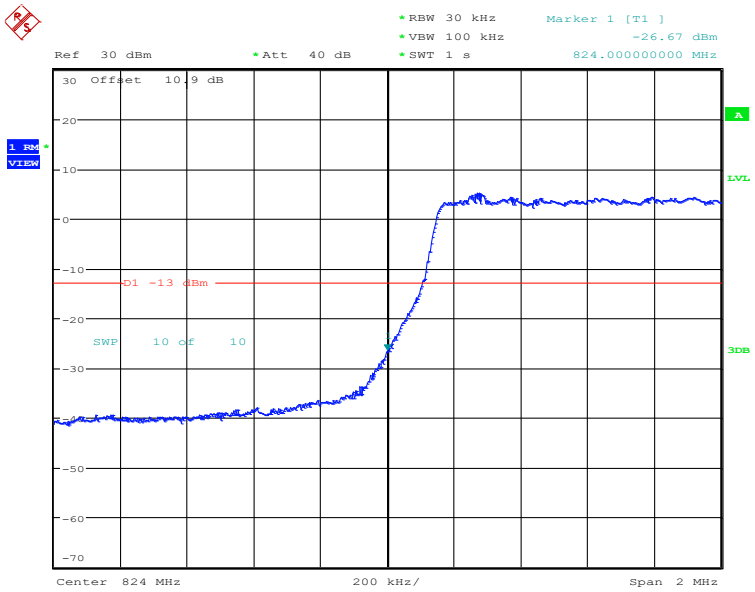

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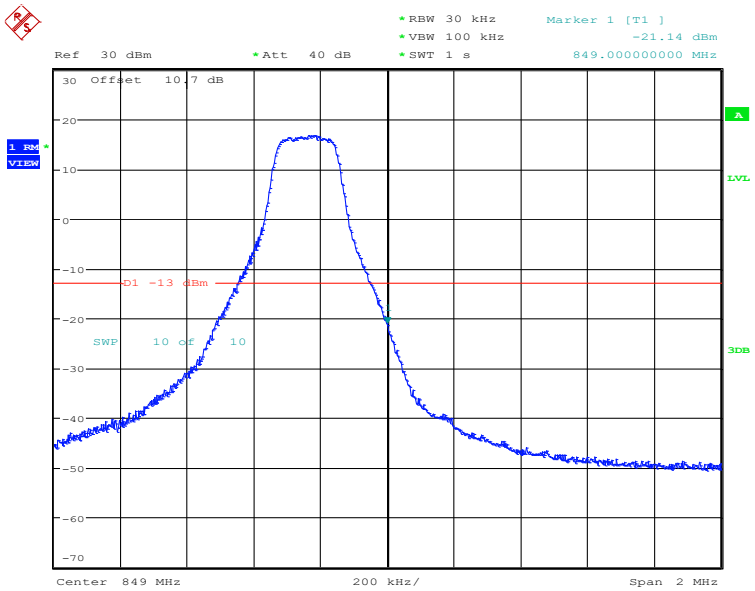
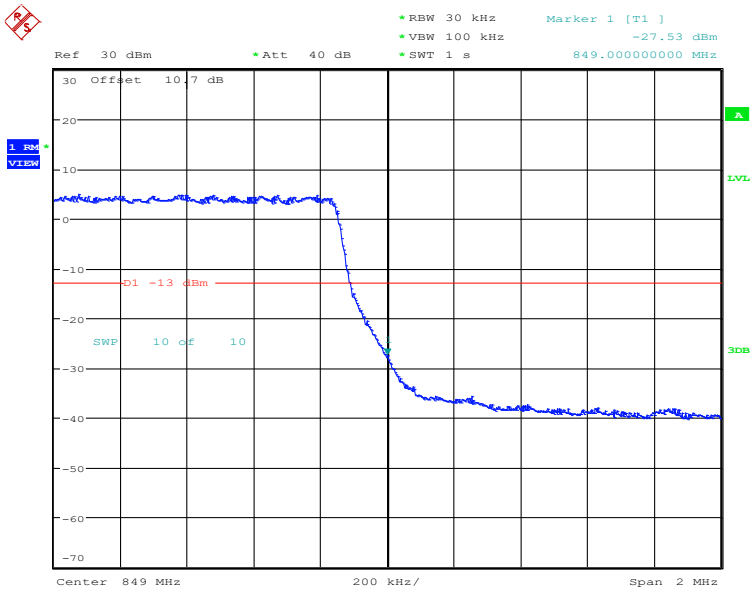


Band5-3MHz-QPSK-20635-15RB#0



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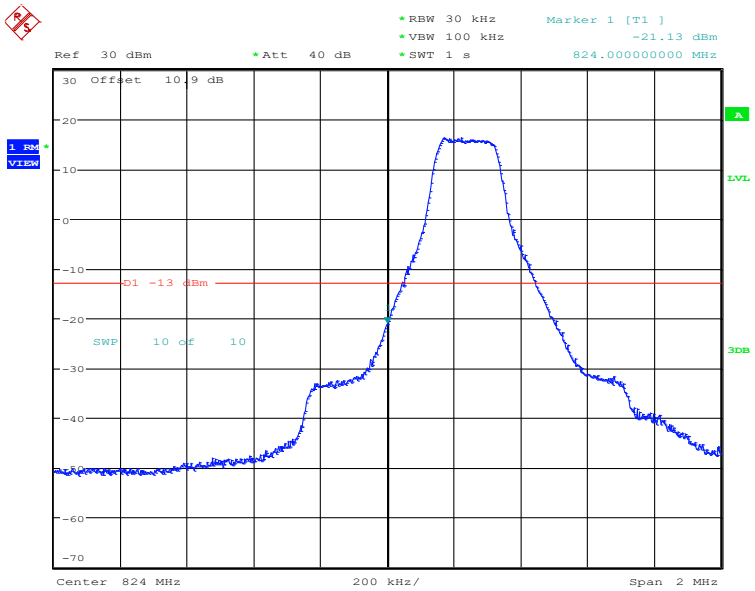

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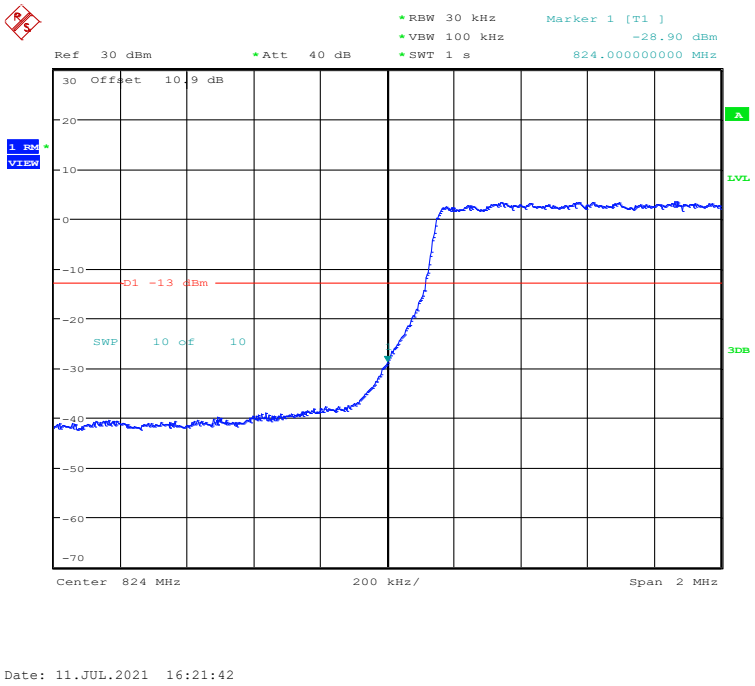

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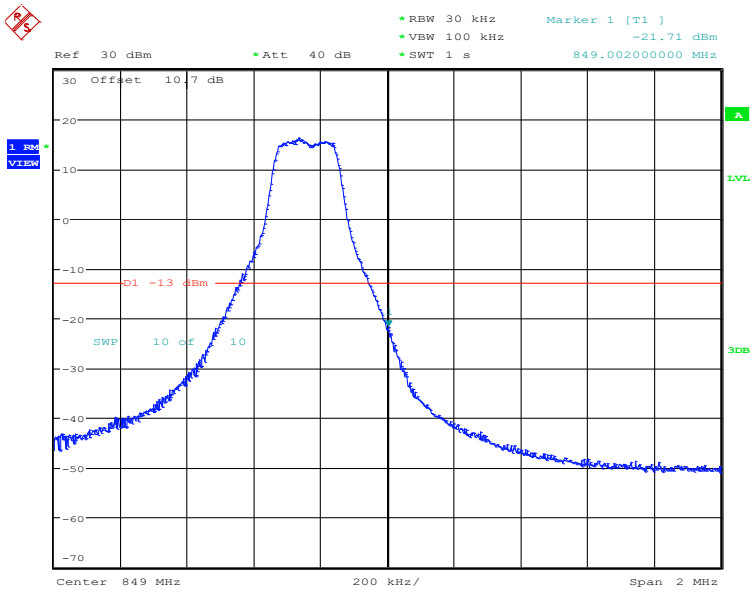

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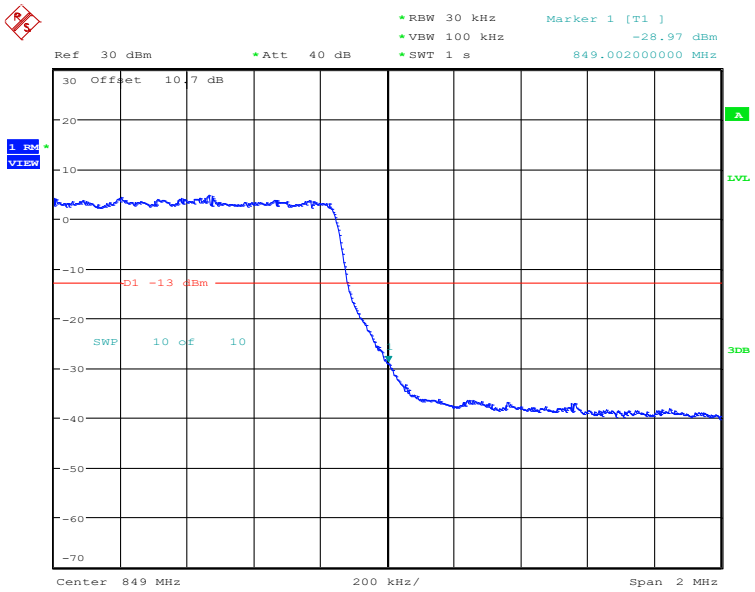

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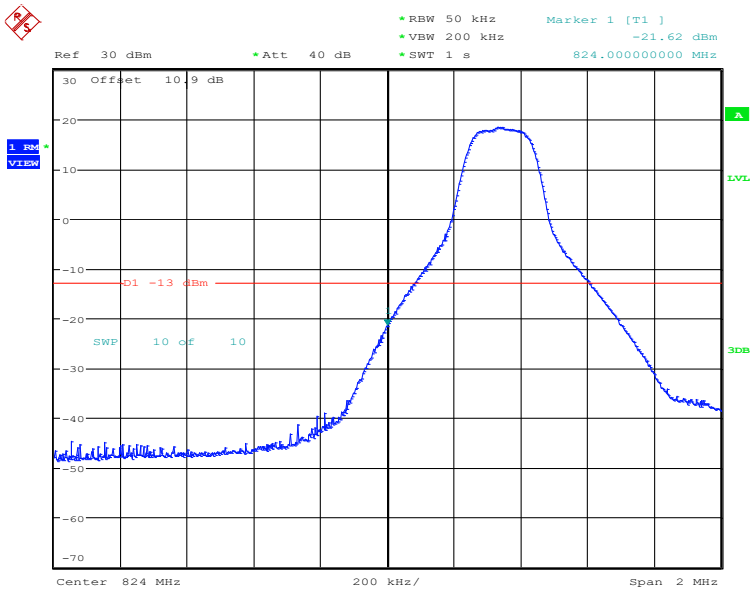

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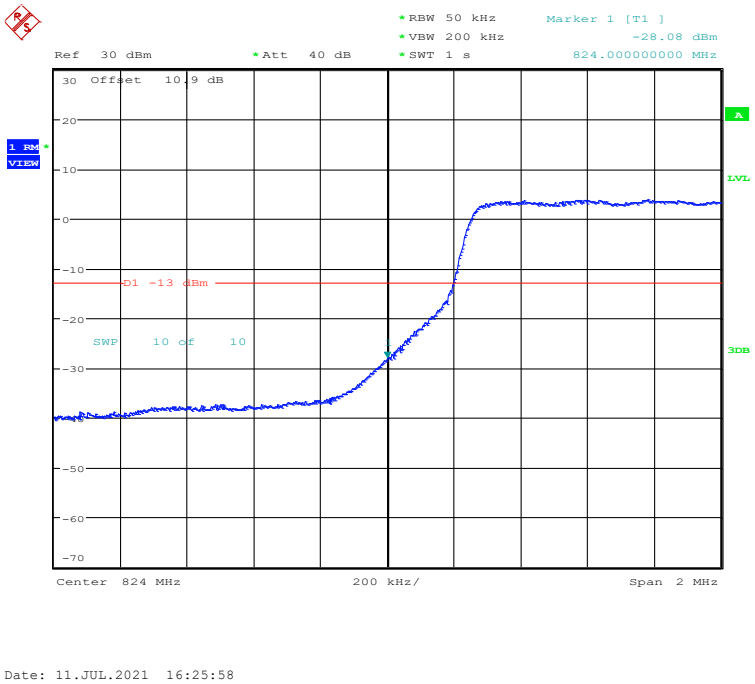
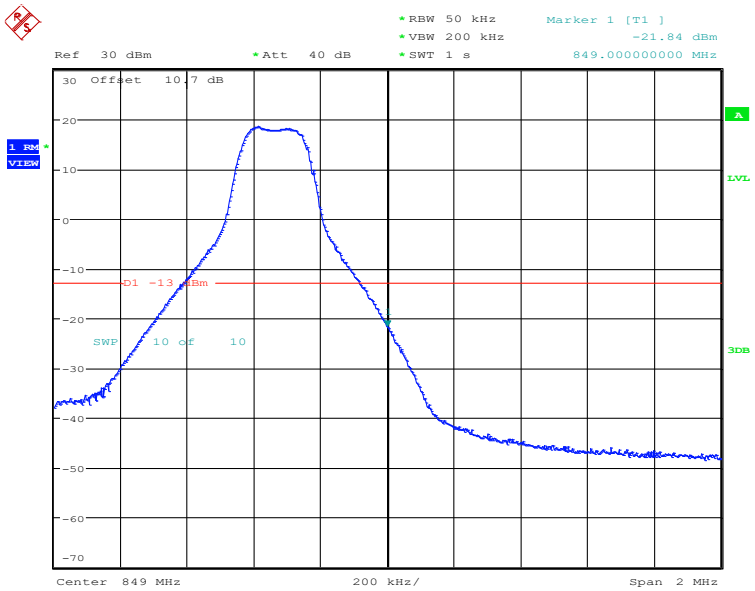
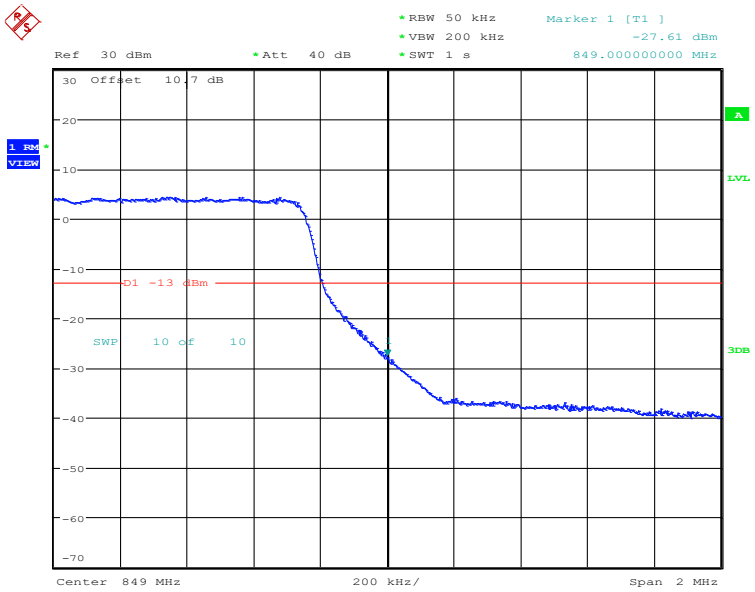


Band5-5MHz-QPSK-20625-1RB#24



Band5-5MHz-QPSK-20625-25RB#0



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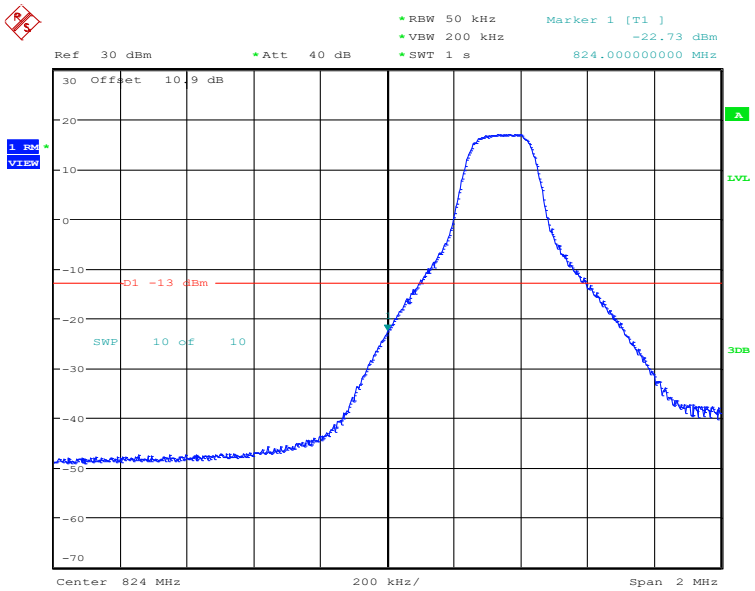

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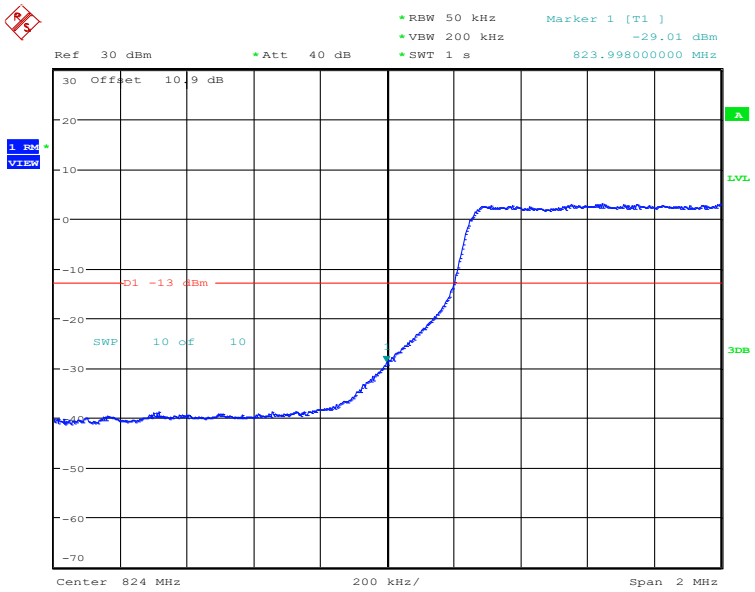
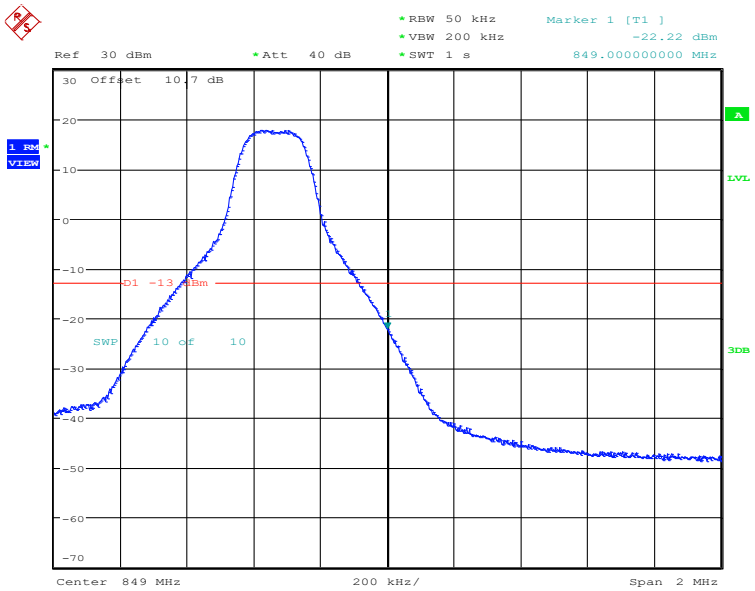
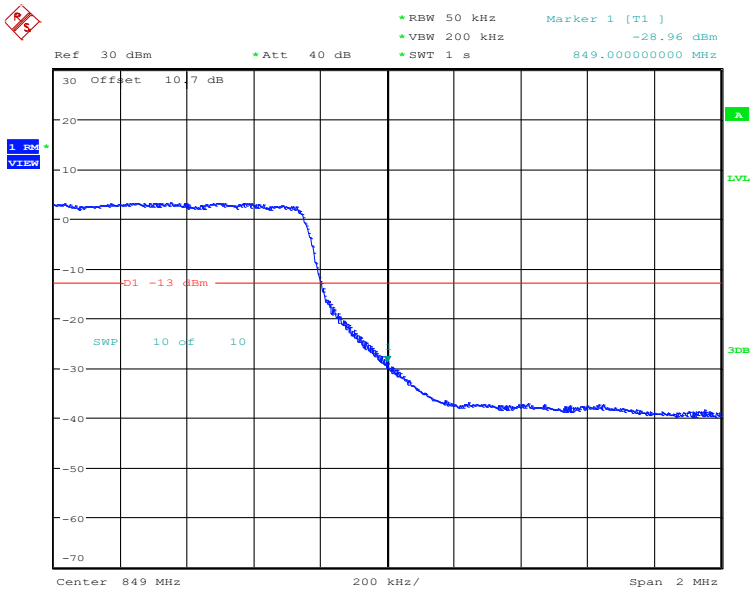


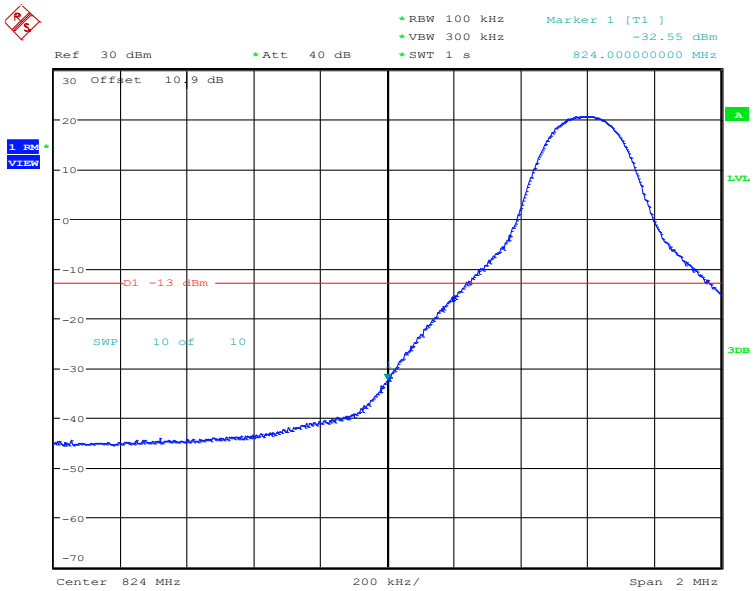
Band5-5MHz-16QAM-20625-1RB#24



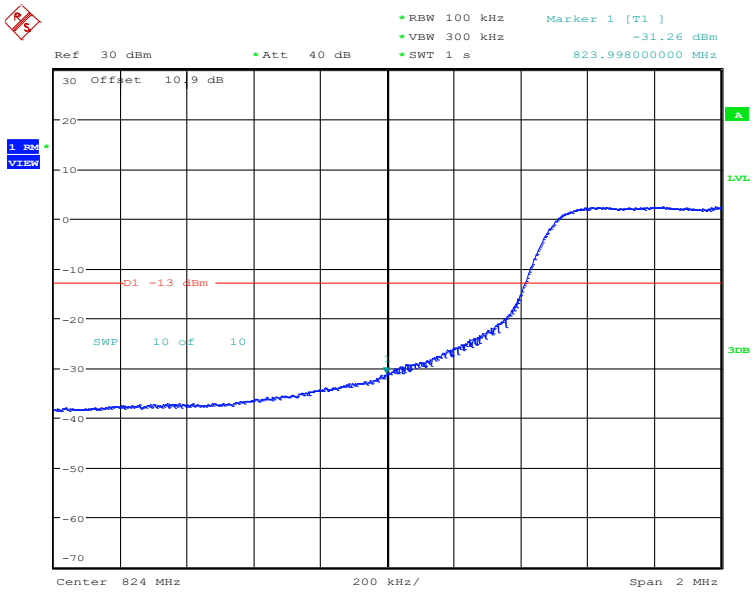
Band5-5MHz-16QAM-20625-25RB#0



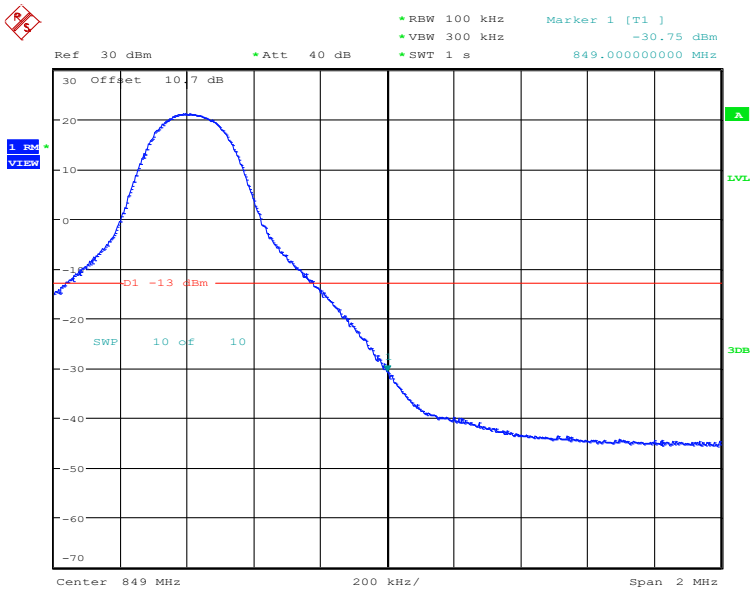
Band5-10MHz-QPSK-20450-1RB#0



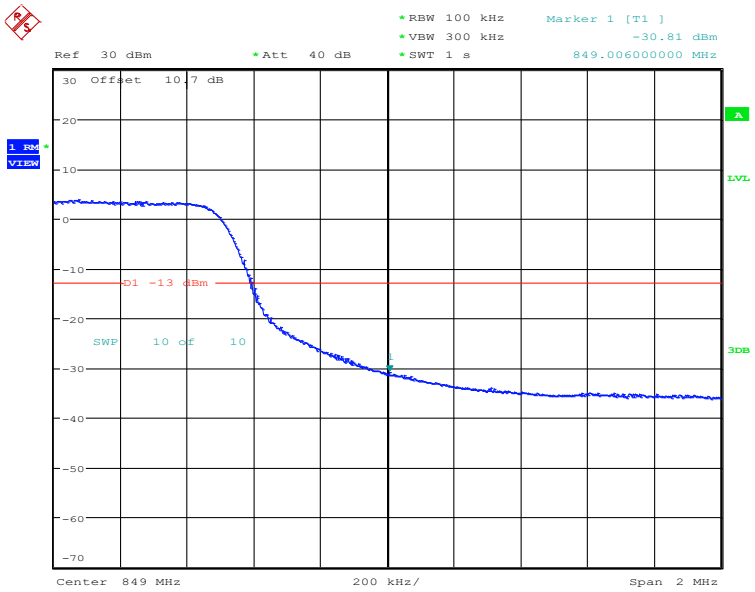
Band5-10MHz-QPSK-20450-50RB#0



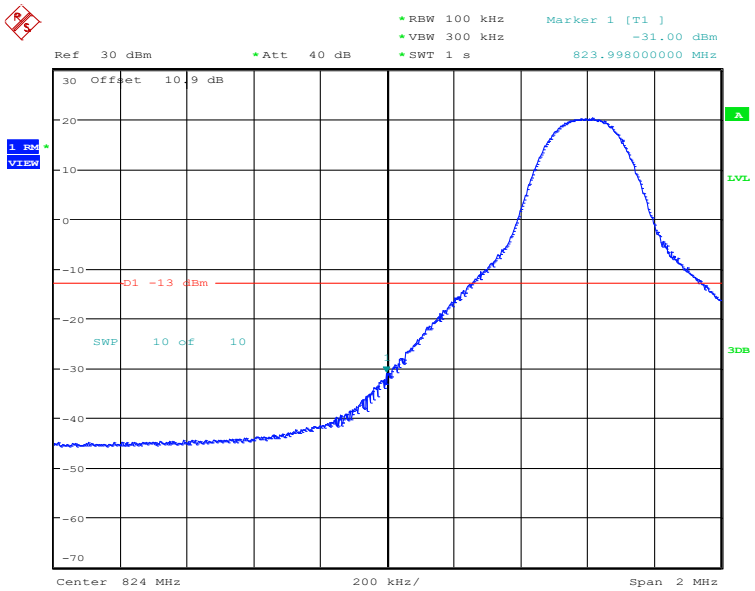
Band5-10MHz-QPSK-20600-1RB#49



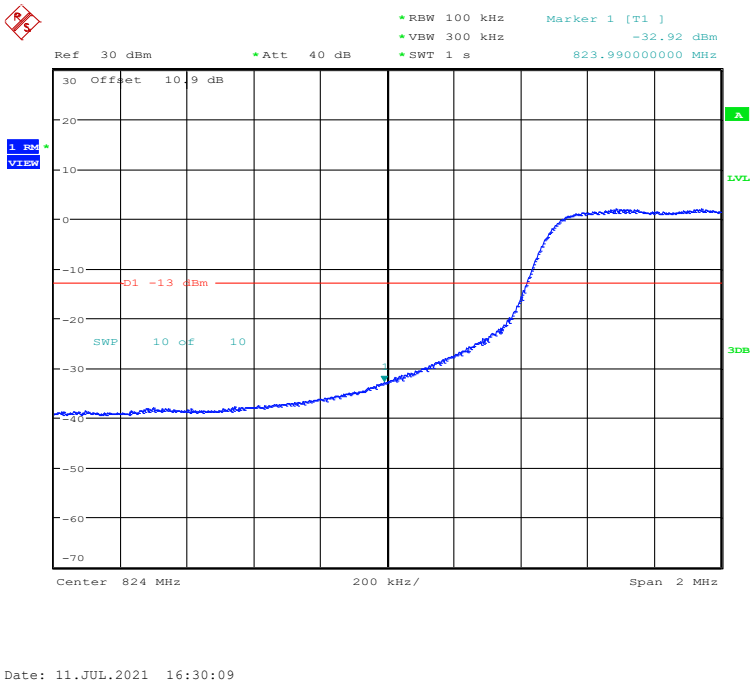
Band5-10MHz-QPSK-20600-50RB#0



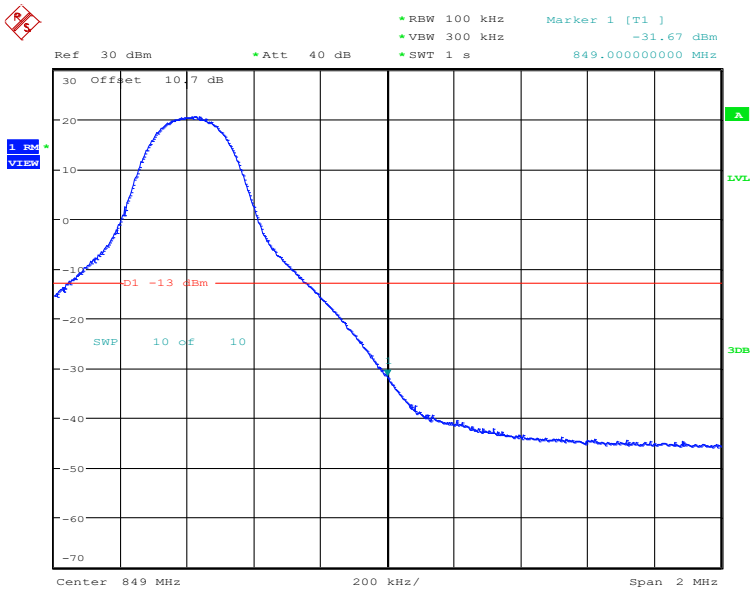
Band5-10MHz-16QAM-20450-1RB#0



Band5-10MHz-16QAM-20450-50RB#0

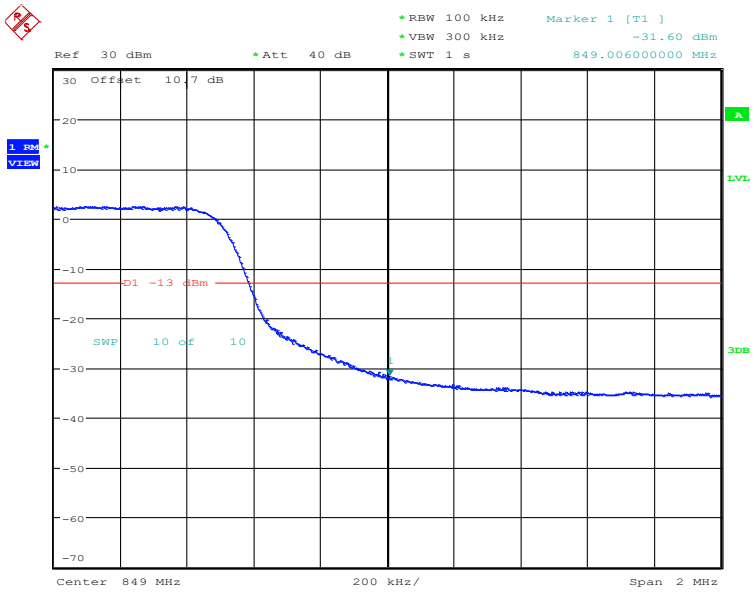


Band5-10MHz-16QAM-20600-1RB#49



Date: 11.JUL.2021 16:30:59

Band5-10MHz-16QAM-20600-50RB#0



Date: 11.JUL.2021 16:40:14

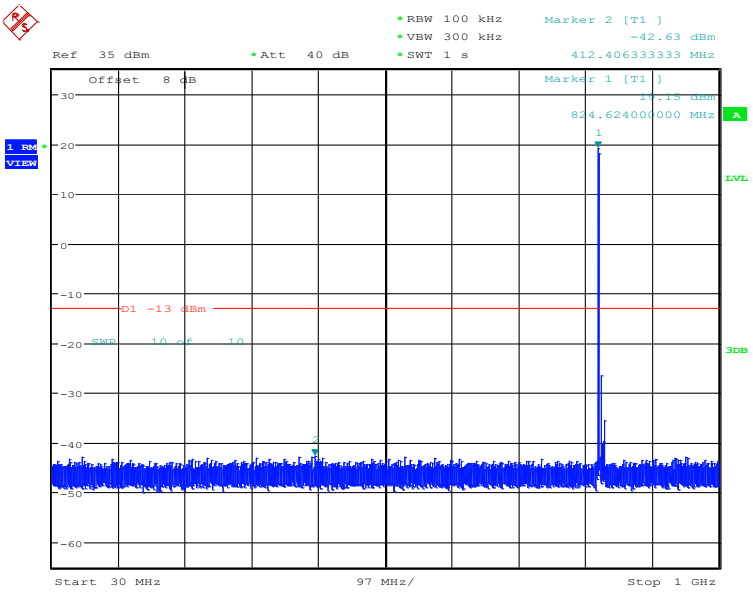
Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	10MHz	QPSK	20450	1RB#0	Range1:30~1000MHz	-42.63	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:1000~10000MHz	-33.57	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-42.32	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-35.17	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:30~1000MHz	-42.88	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:1000~10000MHz	-35.21	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:30~1000MHz	-42.04	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:1000~10000MHz	-35.38	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-42.17	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-34.13	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:30~1000MHz	-41.96	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:1000~10000MHz	-35.3	PASS

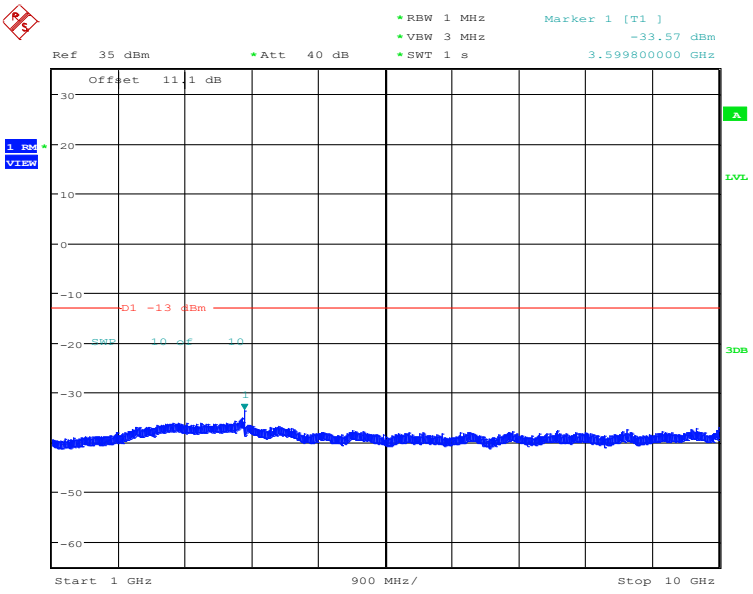
Test Graphs

Band5-10MHz-QPSK-20450-1RB#0-Range1:30~1000MHz



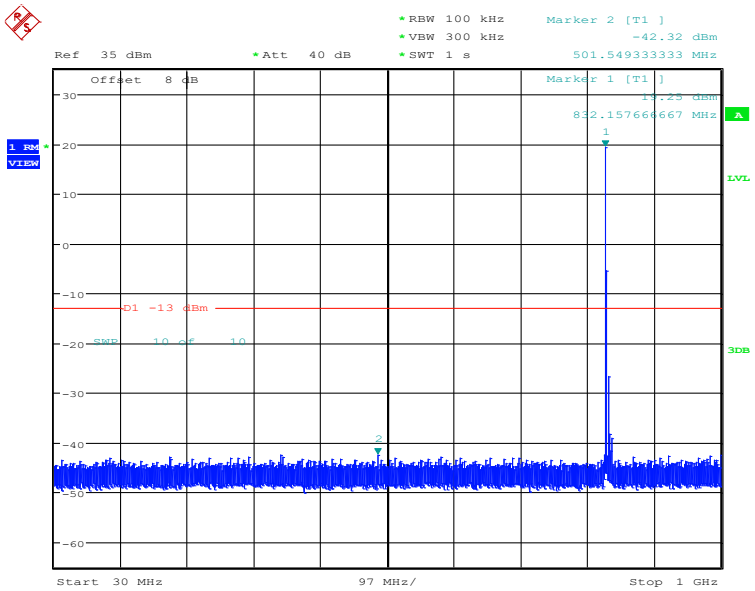
Date: 9.JUL.2021 03:55:26

Band5-10MHz-QPSK-20450-1RB#0-Range2:1000~10000MHz



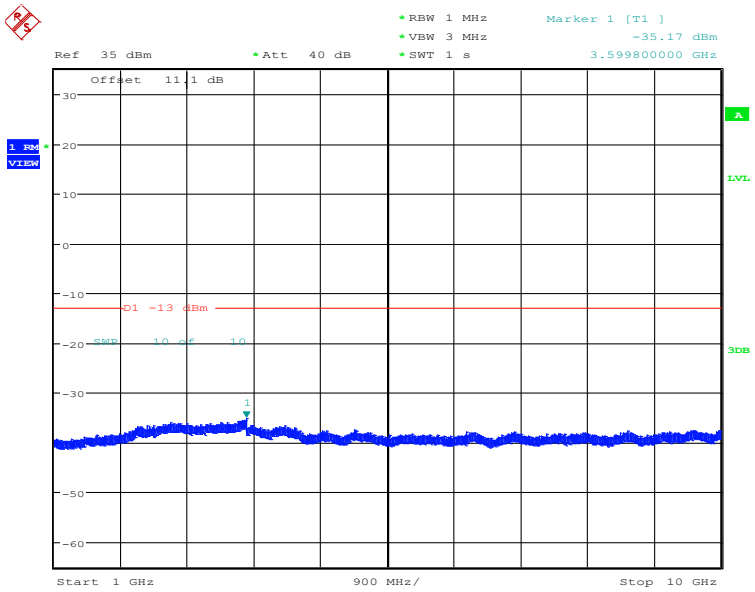
Date: 9.JUL.2021 03:55:43

Band5-10MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



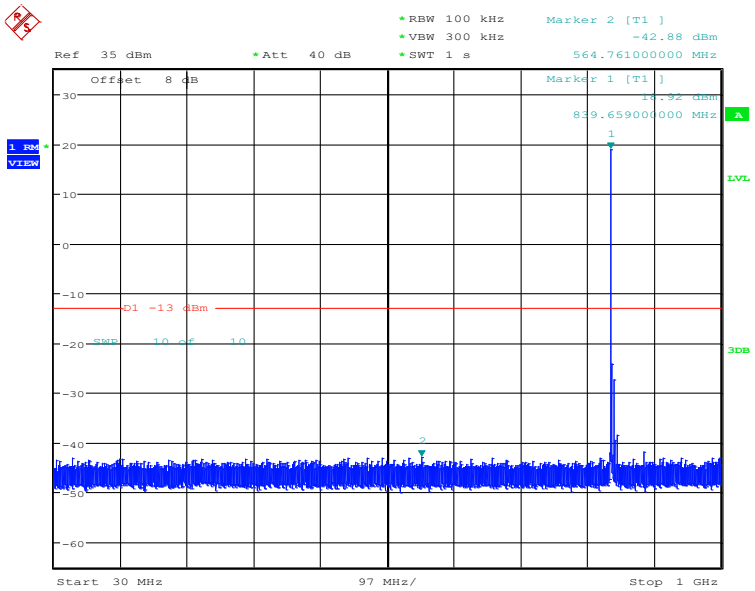
Date: 9.JUL.2021 03:56:45

Band5-10MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



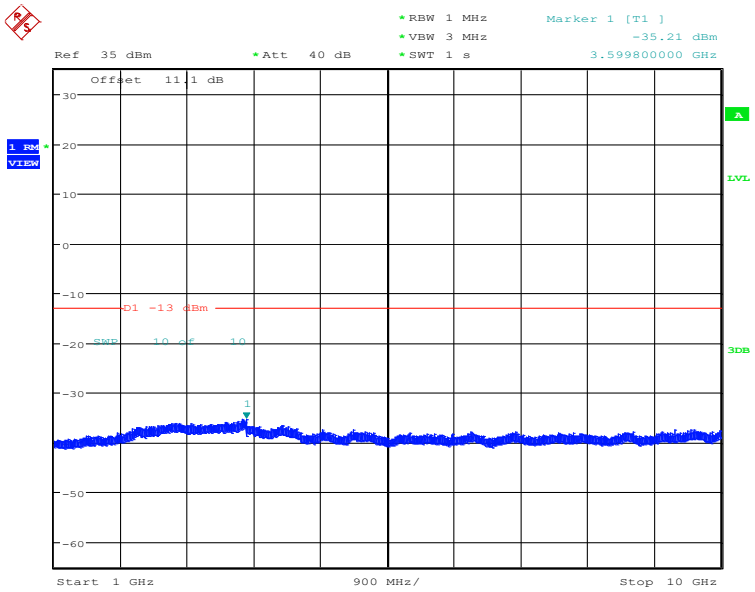
Date: 9.JUL.2021 03:57:02

Band5-10MHz-QPSK-20600-1RB#0-Range1:30~1000MHz



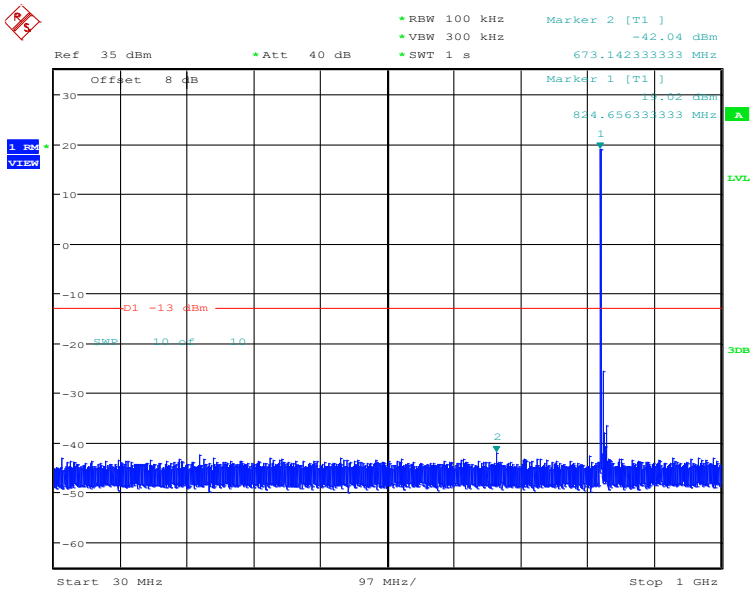
Date: 9.JUL.2021 03:58:04

Band5-10MHz-QPSK-20600-1RB#0-Range2:1000~10000MHz



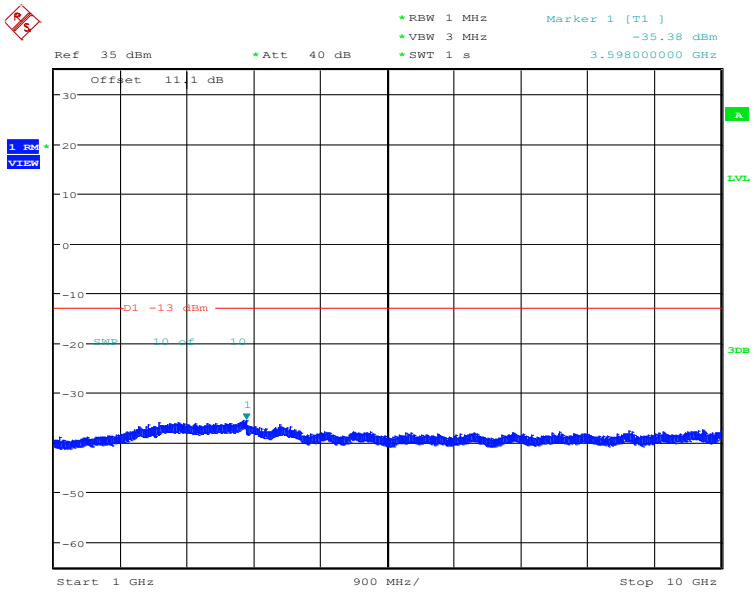
Date: 9.JUL.2021 03:58:21

Band5-10MHz-16QAM-20450-1RB#0-Range1:30~1000MHz



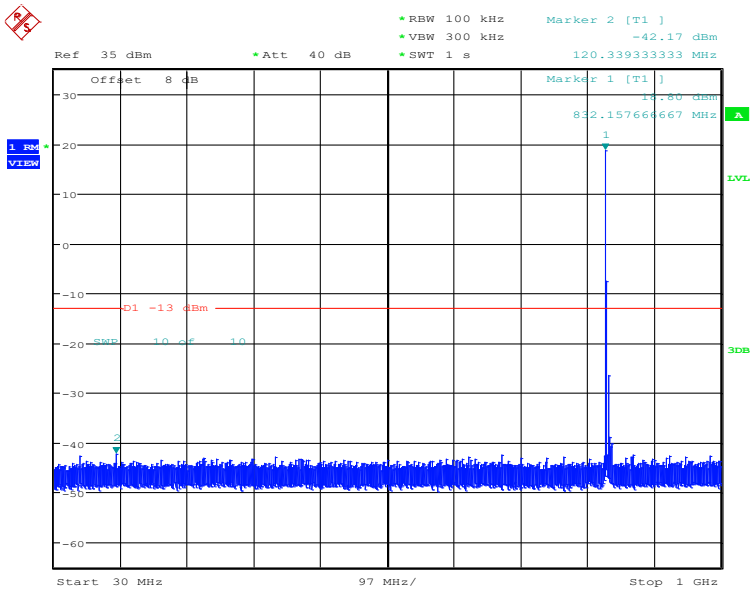
Date: 9.JUL.2021 03:56:05

Band5-10MHz-16QAM-20450-1RB#0-Range2:1000~10000MHz



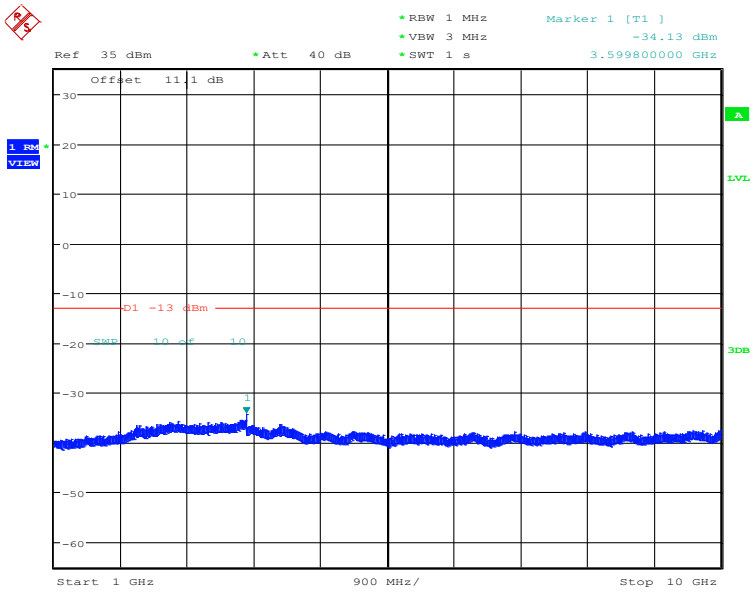
Date: 9.JUL.2021 03:56:23

Band5-10MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



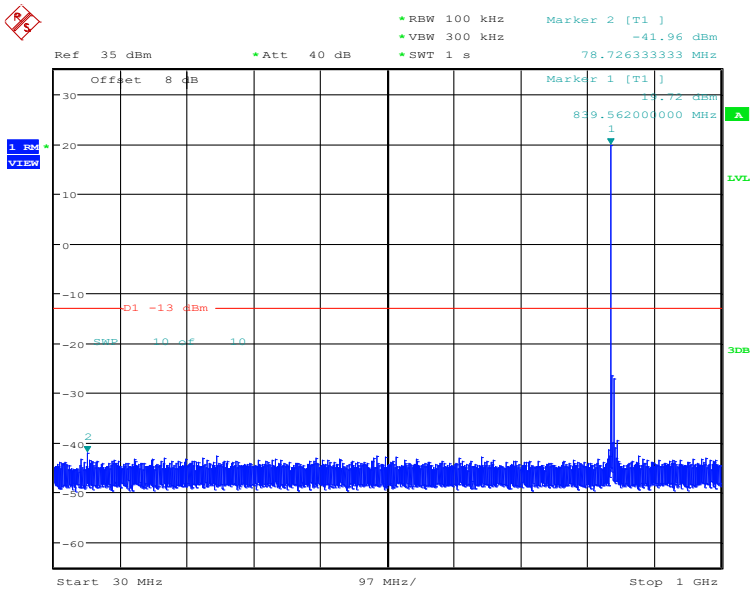
Date: 9.JUL.2021 03:57:24

Band5-10MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



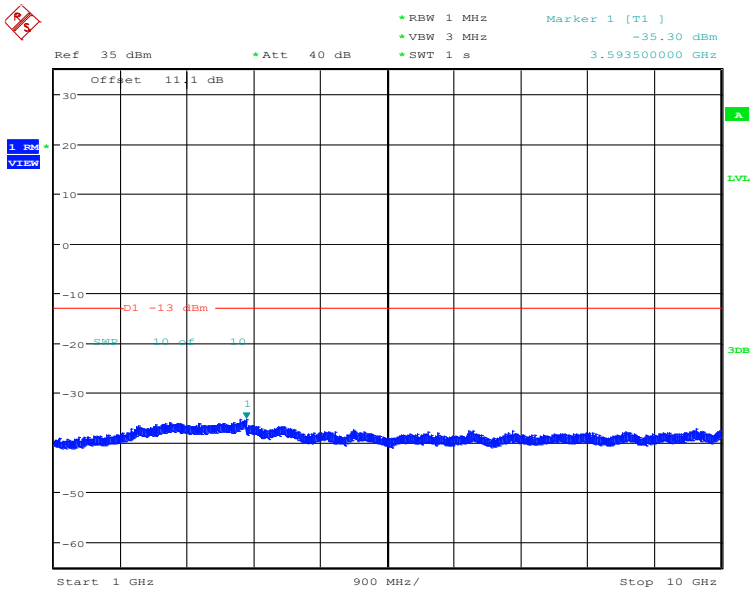
Date: 9.JUL.2021 03:57:41

Band5-10MHz-16QAM-20600-1RB#0-Range1:30~1000MHz



Date: 9.JUL.2021 03:58:43

Band5-10MHz-16QAM-20600-1RB#0-Range2:1000~10000MHz



Date: 9.JUL.2021 03:59:00

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	-3.02	-0.003643	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	-2.40	-0.002895	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	-6.62	-0.007986	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	2.56	0.003060	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	-2.40	-0.002869	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-2.02	-0.002415	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	3.16	0.003744	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	3.06	0.003626	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	3.22	0.003815	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	2.43	0.002931	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	-2.10	-0.002533	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	-1.85	-0.002232	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	-1.69	-0.002020	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	-3.35	-0.004005	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	-3.59	-0.004292	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	-2.35	-0.002784	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	-3.35	-0.003969	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	2.09	0.002476	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	NV	-30	-3.82	-0.004608	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	-3.12	-0.003764	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-10	-1.82	-0.002195	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	-2.47	-0.002979	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-2.52	-0.003040	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	-4.15	-0.005006	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	-2.92	-0.003522	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	-2.59	-0.003124	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	50	-3.19	-0.003848	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	-3.45	-0.004124	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-3.65	-0.004363	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	-1.97	-0.002355	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-3.19	-0.003814	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	2.82	0.003371	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	3.22	0.003849	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	-3.08	-0.003682	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-2.99	-0.003574	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-3.13	-0.003742	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	-2.00	-0.002370	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	-1.49	-0.001765	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-10	-3.05	-0.003614	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	4.39	0.005201	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	-3.05	-0.003614	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	2.26	0.002678	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	-1.80	-0.002133	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	40	-3.39	-0.004017	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	-1.67	-0.001979	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-30	-3.18	-0.003836	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	-3.30	-0.003981	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-10	-3.22	-0.003884	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	-3.00	-0.003619	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	-4.55	-0.005489	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	-2.72	-0.003281	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	30	-2.32	-0.002799	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	40	-2.26	-0.002726	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	50	2.37	0.002859	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	-5.75	-0.006874	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	-1.54	-0.001841	±2.5	PASS

Band5	10MHz	16QAM	20525	50RB#0	NV	-10	-2.53	-0.003025	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	0	-2.45	-0.002929	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	3.43	0.004100	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	-3.73	-0.004459	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	30	4.31	0.005152	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	40	1.92	0.002295	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	50	-1.65	-0.001973	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-30	-1.80	-0.002133	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	-1.46	-0.001730	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-10	-2.75	-0.003258	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	3.19	0.003780	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	2.05	0.002429	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	-3.52	-0.004171	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	30	-3.33	-0.003945	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	40	2.07	0.002453	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	50	-1.89	-0.002239	±2.5	PASS

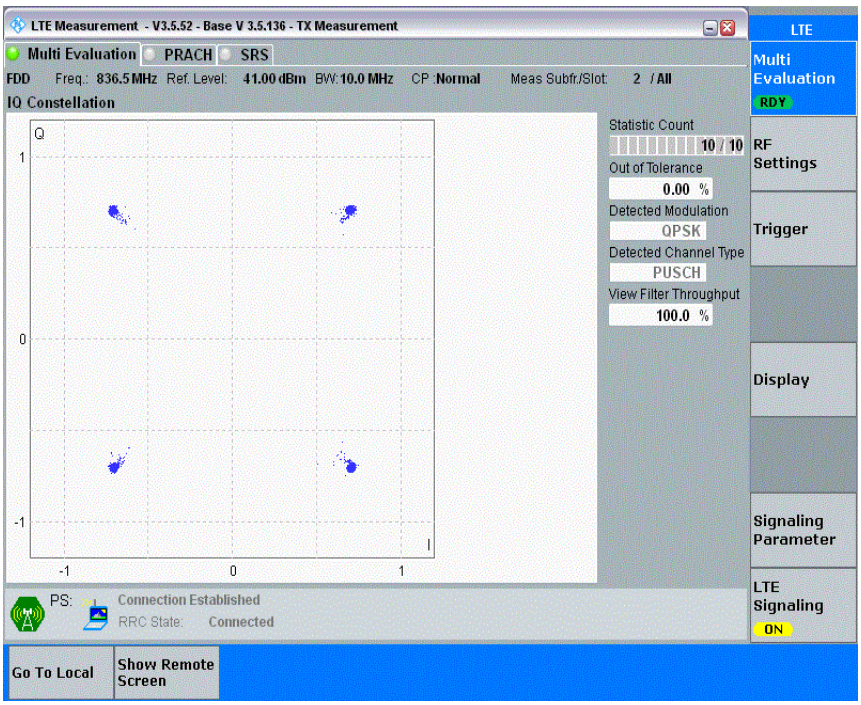
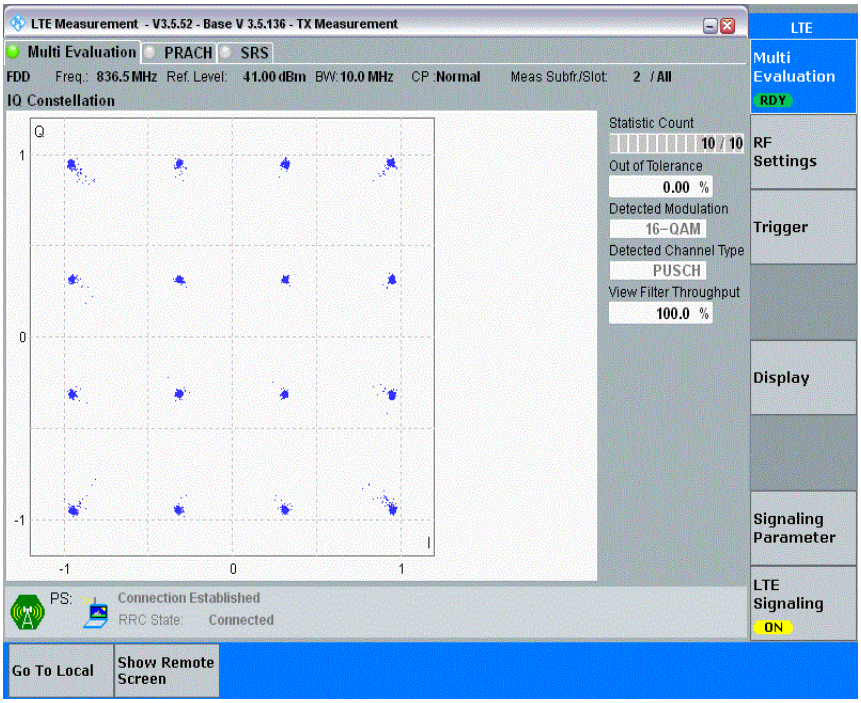
Appendix G: Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band5	10MHz	QPSK	20525	50RB#0	PASS	PASS
Band5	10MHz	16QAM	20525	50RB#0	PASS	PASS

Test Graphs

Band5-10MHz-QPSK-20525-50RB#0



Band5-10MHz-16QAM-20525-50RB#0