Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power (dBm)	ERP (dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	22.75	15.11	PASS
Band71	5MHz	QPSK	133147	1RB#12	23.01	15.37	PASS
Band71	5MHz	QPSK	133147	1RB#24	22.79	15.15	PASS
Band71	5MHz	QPSK	133147	12RB#0	21.84	14.2	PASS
Band71	5MHz	QPSK	133147	12RB#6	21.91	14.27	PASS
Band71	5MHz	QPSK	133147	12RB#13	21.84	14.2	PASS
Band71	5MHz	QPSK	133147	25RB#0	21.84	14.2	PASS
Band71	5MHz	QPSK	133297	1RB#0	22.77	15.13	PASS
Band71	5MHz	QPSK	133297	1RB#12	22.81	15.17	PASS
Band71	5MHz	QPSK	133297	1RB#24	22.67	15.03	PASS
Band71	5MHz	QPSK	133297	12RB#0	21.73	14.09	PASS
Band71	5MHz	QPSK	133297	12RB#6	21.73	14.09	PASS
Band71	5MHz	QPSK	133297	12RB#13	21.71	14.07	PASS
Band71	5MHz	QPSK	133297	25RB#0	21.78	14.14	PASS
Band71	5MHz	QPSK	133447	1RB#0	22.90	15.26	PASS
Band71	5MHz	QPSK	133447	1RB#12	22.68	15.04	PASS
Band71	5MHz	QPSK	133447	1RB#24	22.67	15.03	PASS
Band71	5MHz	QPSK	133447	12RB#0	21.71	14.07	PASS
Band71	5MHz	QPSK	133447	12RB#6	21.62	13.98	PASS
Band71	5MHz	QPSK	133447	12RB#13	21.74	14.1	PASS
Band71	5MHz	QPSK	133447	25RB#0	21.74	14.1	PASS
Band71	5MHz	16QAM	133147	1RB#0	21.49	13.85	PASS
Band71	5MHz	16QAM	133147	1RB#12	21.46	13.82	PASS
Band71	5MHz	16QAM	133147	1RB#24	21.76	14.12	PASS
Band71	5MHz	16QAM	133147	12RB#0	20.69	13.05	PASS
Band71	5MHz	16QAM	133147	12RB#6	20.66	13.02	PASS
Band71	5MHz	16QAM	133147	12RB#13	20.82	13.18	PASS
Band71	5MHz	16QAM	133147	25RB#0	20.90	13.26	PASS
Band71	5MHz	16QAM	133297	1RB#0	21.65	14.01	PASS
Band71	5MHz	16QAM	133297	1RB#12	21.89	14.25	PASS
Band71	5MHz	16QAM	133297	1RB#24	21.82	14.18	PASS

Band71	5MHz	16QAM	133297	12RB#0	20.68	13.04	PASS
Band71	5MHz	16QAM	133297	12RB#6	20.89	13.25	PASS
Band71	5MHz	16QAM	133297	12RB#13	20.78	13.14	PASS
Band71	5MHz	16QAM	133297	25RB#0	20.55	12.91	PASS
Band71	5MHz	16QAM	133447	1RB#0	21.75	14.11	PASS
Band71	5MHz	16QAM	133447	1RB#12	21.77	14.13	PASS
Band71	5MHz	16QAM	133447	1RB#24	21.30	13.66	PASS
Band71	5MHz	16QAM	133447	12RB#0	20.66	13.02	PASS
Band71	5MHz	16QAM	133447	12RB#6	20.54	12.9	PASS
Band71	5MHz	16QAM	133447	12RB#13	20.55	12.91	PASS
Band71	5MHz	16QAM	133447	25RB#0	20.78	13.14	PASS
Band71	10MHz	QPSK	133172	1RB#0	22.68	15.04	PASS
Band71	10MHz	QPSK	133172	1RB#24	23.11	15.47	PASS
Band71	10MHz	QPSK	133172	1RB#49	22.65	15.01	PASS
Band71	10MHz	QPSK	133172	25RB#0	21.76	14.12	PASS
Band71	10MHz	QPSK	133172	25RB#12	21.86	14.22	PASS
Band71	10MHz	QPSK	133172	25RB#25	21.86	14.22	PASS
Band71	10MHz	QPSK	133172	50RB#0	21.78	14.14	PASS
Band71	10MHz	QPSK	133297	1RB#0	22.83	15.19	PASS
Band71	10MHz	QPSK	133297	1RB#24	22.84	15.2	PASS
Band71	10MHz	QPSK	133297	1RB#49	22.68	15.04	PASS
Band71	10MHz	QPSK	133297	25RB#0	21.86	14.22	PASS
Band71	10MHz	QPSK	133297	25RB#12	21.77	14.13	PASS
Band71	10MHz	QPSK	133297	25RB#25	21.76	14.12	PASS
Band71	10MHz	QPSK	133297	50RB#0	21.68	14.04	PASS
Band71	10MHz	QPSK	133422	1RB#0	22.64	15	PASS
Band71	10MHz	QPSK	133422	1RB#24	22.89	15.25	PASS
Band71	10MHz	QPSK	133422	1RB#49	22.59	14.95	PASS
Band71	10MHz	QPSK	133422	25RB#0	21.88	14.24	PASS
Band71	10MHz	QPSK	133422	25RB#12	21.88	14.24	PASS
Band71	10MHz	QPSK	133422	25RB#25	21.80	14.16	PASS
Band71	10MHz	QPSK	133422	50RB#0	21.76	14.12	PASS
Band71	10MHz	16QAM	133172	1RB#0	21.67	14.03	PASS
Band71	10MHz	16QAM	133172	1RB#24	22.14	14.5	PASS
Band71	10MHz	16QAM	133172	1RB#49	21.51	13.87	PASS
Band71	10MHz	16QAM	133172	25RB#0	20.97	13.33	PASS
Band71	10MHz	16QAM	133172	25RB#12	20.96	13.32	PASS

Band71	10MHz	16QAM	133172	25RB#25	20.90	13.26	PASS
Band71	10MHz	16QAM	133172	50RB#0	20.75	13.11	PASS
Band71	10MHz	16QAM	133297	1RB#0	21.96	14.32	PASS
Band71	10MHz	16QAM	133297	1RB#24	22.27	14.63	PASS
Band71	10MHz	16QAM	133297	1RB#49	21.72	14.08	PASS
Band71	10MHz	16QAM	133297	25RB#0	20.84	13.2	PASS
Band71	10MHz	16QAM	133297	25RB#12	20.75	13.11	PASS
Band71	10MHz	16QAM	133297	25RB#25	20.76	13.12	PASS
Band71	10MHz	16QAM	133297	50RB#0	20.86	13.22	PASS
Band71	10MHz	16QAM	133422	1RB#0	21.69	14.05	PASS
Band71	10MHz	16QAM	133422	1RB#24	22.12	14.48	PASS
Band71	10MHz	16QAM	133422	1RB#49	21.91	14.27	PASS
Band71	10MHz	16QAM	133422	25RB#0	21.02	13.38	PASS
Band71	10MHz	16QAM	133422	25RB#12	20.58	12.94	PASS
Band71	10MHz	16QAM	133422	25RB#25	20.85	13.21	PASS
Band71	10MHz	16QAM	133422	50RB#0	20.67	13.03	PASS
Band71	15MHz	QPSK	133197	1RB#0	22.65	15.01	PASS
Band71	15MHz	QPSK	133197	1RB#38	22.62	14.98	PASS
Band71	15MHz	QPSK	133197	1RB#74	22.71	15.07	PASS
Band71	15MHz	QPSK	133197	38RB#0	21.78	14.14	PASS
Band71	15MHz	QPSK	133197	38RB#18	21.65	14.01	PASS
Band71	15MHz	QPSK	133197	38RB#37	21.91	14.27	PASS
Band71	15MHz	QPSK	133197	75RB#0	21.87	14.23	PASS
Band71	15MHz	QPSK	133297	1RB#0	22.56	14.92	PASS
Band71	15MHz	QPSK	133297	1RB#38	22.69	15.05	PASS
Band71	15MHz	QPSK	133297	1RB#74	22.71	15.07	PASS
Band71	15MHz	QPSK	133297	38RB#0	21.80	14.16	PASS
Band71	15MHz	QPSK	133297	38RB#18	21.67	14.03	PASS
Band71	15MHz	QPSK	133297	38RB#37	21.61	13.97	PASS
Band71	15MHz	QPSK	133297	75RB#0	21.69	14.05	PASS
Band71	15MHz	QPSK	133397	1RB#0	22.72	15.08	PASS
Band71	15MHz	QPSK	133397	1RB#38	22.62	14.98	PASS
Band71	15MHz	QPSK	133397	1RB#74	22.69	15.05	PASS
Band71	15MHz	QPSK	133397	38RB#0	21.96	14.32	PASS
Band71	15MHz	QPSK	133397	38RB#18	22.43	14.79	PASS
Band71	15MHz	QPSK	133397	38RB#37	22.45	14.81	PASS
Band71	15MHz	QPSK	133397	75RB#0	21.74	14.1	PASS

Band71	15MHz	16QAM	133197	1RB#0	21.78	14.14	PASS
Band71	15MHz	16QAM	133197	1RB#38	21.63	13.99	PASS
Band71	15MHz	16QAM	133197	1RB#74	21.94	14.3	PASS
Band71	15MHz	16QAM	133197	38RB#0	21.86	14.22	PASS
Band71	15MHz	16QAM	133197	38RB#18	21.66	14.02	PASS
Band71	15MHz	16QAM	133197	38RB#37	21.83	14.19	PASS
Band71	15MHz	16QAM	133197	75RB#0	20.85	13.21	PASS
Band71	15MHz	16QAM	133297	1RB#0	21.60	13.96	PASS
Band71	15MHz	16QAM	133297	1RB#38	21.80	14.16	PASS
Band71	15MHz	16QAM	133297	1RB#74	21.80	14.16	PASS
Band71	15MHz	16QAM	133297	38RB#0	21.80	14.16	PASS
Band71	15MHz	16QAM	133297	38RB#18	21.63	13.99	PASS
Band71	15MHz	16QAM	133297	38RB#37	21.69	14.05	PASS
Band71	15MHz	16QAM	133297	75RB#0	20.75	13.11	PASS
Band71	15MHz	16QAM	133397	1RB#0	21.94	14.3	PASS
Band71	15MHz	16QAM	133397	1RB#38	21.55	13.91	PASS
Band71	15MHz	16QAM	133397	1RB#74	22.05	14.41	PASS
Band71	15MHz	16QAM	133397	38RB#0	22.36	14.72	PASS
Band71	15MHz	16QAM	133397	38RB#18	22.43	14.79	PASS
Band71	15MHz	16QAM	133397	38RB#37	22.04	14.4	PASS
Band71	15MHz	16QAM	133397	75RB#0	20.80	13.16	PASS
Band71	20MHz	QPSK	133222	1RB#0	22.81	15.17	PASS
Band71	20MHz	QPSK	133222	1RB#49	22.88	15.24	PASS
Band71	20MHz	QPSK	133222	1RB#99	22.74	15.1	PASS
Band71	20MHz	QPSK	133222	50RB#0	21.73	14.09	PASS
Band71	20MHz	QPSK	133222	50RB#25	21.63	13.99	PASS
Band71	20MHz	QPSK	133222	50RB#50	21.85	14.21	PASS
Band71	20MHz	QPSK	133222	100RB#0	21.74	14.1	PASS
Band71	20MHz	QPSK	133322	1RB#0	22.74	15.1	PASS
Band71	20MHz	QPSK	133322	1RB#49	23.26	15.62	PASS
Band71	20MHz	QPSK	133322	1RB#99	22.84	15.2	PASS
Band71	20MHz	QPSK	133322	50RB#0	21.71	14.07	PASS
Band71	20MHz	QPSK	133322	50RB#25	21.75	14.11	PASS
Band71	20MHz	QPSK	133322	50RB#50	21.66	14.02	PASS
Band71	20MHz	QPSK	133322	100RB#0	21.76	14.12	PASS
Band71	20MHz	QPSK	133372	1RB#0	22.65	15.01	PASS
Band71	20MHz	QPSK	133372	1RB#49	22.76	15.12	PASS

Band71	20MHz	QPSK	133372	1RB#99	22.73	15.09	PASS
Band71	20MHz	QPSK	133372	50RB#0	21.62	13.98	PASS
Band71	20MHz	QPSK	133372	50RB#25	21.66	14.02	PASS
Band71	20MHz	QPSK	133372	50RB#50	21.71	14.07	PASS
Band71	20MHz	QPSK	133372	100RB#0	21.63	13.99	PASS
Band71	20MHz	16QAM	133222	1RB#0	22.04	14.4	PASS
Band71	20MHz	16QAM	133222	1RB#49	22.77	15.13	PASS
Band71	20MHz	16QAM	133222	1RB#99	22.74	15.1	PASS
Band71	20MHz	16QAM	133222	50RB#0	20.76	13.12	PASS
Band71	20MHz	16QAM	133222	50RB#25	20.65	13.01	PASS
Band71	20MHz	16QAM	133222	50RB#50	20.78	13.14	PASS
Band71	20MHz	16QAM	133222	100RB#0	20.74	13.1	PASS
Band71	20MHz	16QAM	133322	1RB#0	21.53	13.89	PASS
Band71	20MHz	16QAM	133322	1RB#49	21.70	14.06	PASS
Band71	20MHz	16QAM	133322	1RB#99	21.66	14.02	PASS
Band71	20MHz	16QAM	133322	50RB#0	20.82	13.18	PASS
Band71	20MHz	16QAM	133322	50RB#25	20.76	13.12	PASS
Band71	20MHz	16QAM	133322	50RB#50	20.71	13.07	PASS
Band71	20MHz	16QAM	133322	100RB#0	20.68	13.04	PASS
Band71	20MHz	16QAM	133372	1RB#0	21.84	14.2	PASS
Band71	20MHz	16QAM	133372	1RB#49	22.22	14.58	PASS
Band71	20MHz	16QAM	133372	1RB#99	21.85	14.21	PASS
Band71	20MHz	16QAM	133372	50RB#0	20.66	13.02	PASS
Band71	20MHz	16QAM	133372	50RB#25	20.68	13.04	PASS
Band71	20MHz	16QAM	133372	50RB#50	20.94	13.3	PASS
Band71	20MHz	16QAM	133372	100RB#0	20.56	12.92	PASS

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

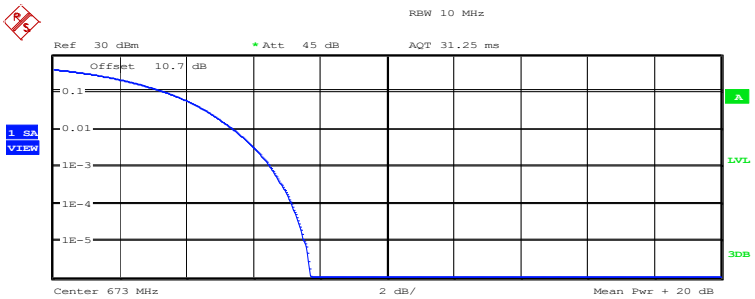
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band71	20MHz	QPSK	133222	100RB#0	6.51	13	PASS
Band71	20MHz	QPSK	133322	100RB#0	6.15	13	PASS
Band71	20MHz	QPSK	133372	100RB#0	6.44	13	PASS
Band71	20MHz	16QAM	133222	100RB#0	7.18	13	PASS
Band71	20MHz	16QAM	133322	100RB#0	7.02	13	PASS
Band71	20MHz	16QAM	133372	100RB#0	7.18	13	PASS

Test Graphs

Band71-20MHz-QPSK-133222-100RB#0

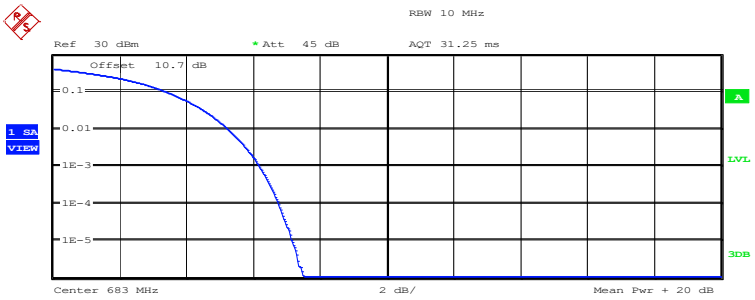


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	18.96 dBm
Peak	26.81 dBm
Crest	7.85 dB
10 %	3.37 dB
1 %	5.38 dB
.1 %	6.51 dB
.01 %	7.15 dB

Date: 9.JUL.2021 17:07:22

Band71-20MHz-QPSK-133322-100RB#0

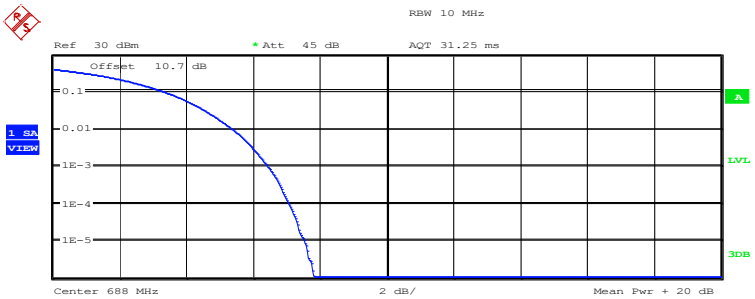


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	19.32 dBm
Peak	26.88 dBm
Crest	7.56 dB
10 %	3.40 dB
1 %	5.19 dB
.1 %	6.15 dB
.01 %	6.73 dB

Date: 9.JUL.2021 17:07:43

Band71-20MHz-QPSK-133372-100RB#0

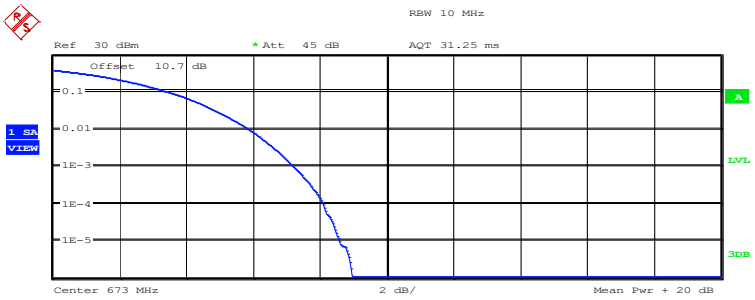


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	18.59 dBm
Peak	26.67 dBm
Crest	8.08 dB
10 %	3.37 dB
1 %	5.35 dB
.1 %	6.44 dB
.01 %	7.05 dB

Date: 9.JUL.2021 17:08:04

Band71-20MHz-16QAM-133222-100RB#0

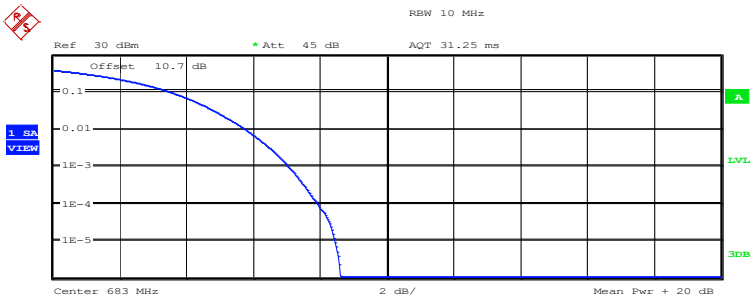


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	17.93 dBm
Peak	27.02 dBm
Crest	9.09 dB
10 %	3.46 dB
1 %	5.83 dB
.1 %	7.18 dB
.01 %	8.08 dB

Date: 9.JUL.2021 17:07:33

Band71-20MHz-16QAM-133322-100RB#0

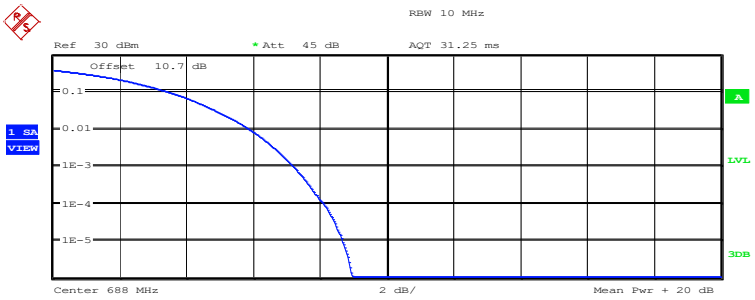


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	18.39 dBm
Peak	27.02 dBm
Crest	8.63 dB
10 %	3.53 dB
1 %	5.74 dB
.1 %	7.02 dB
.01 %	7.92 dB

Date: 9.JUL.2021 17:07:54

Band71-20MHz-16QAM-133372-100RB#0



Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	17.57 dBm
Peak	26.60 dBm
Crest	9.02 dB
10 %	3.46 dB
1 %	5.87 dB
.1 %	7.18 dB
.01 %	8.08 dB

Date: 9.JUL.2021 17:08:15

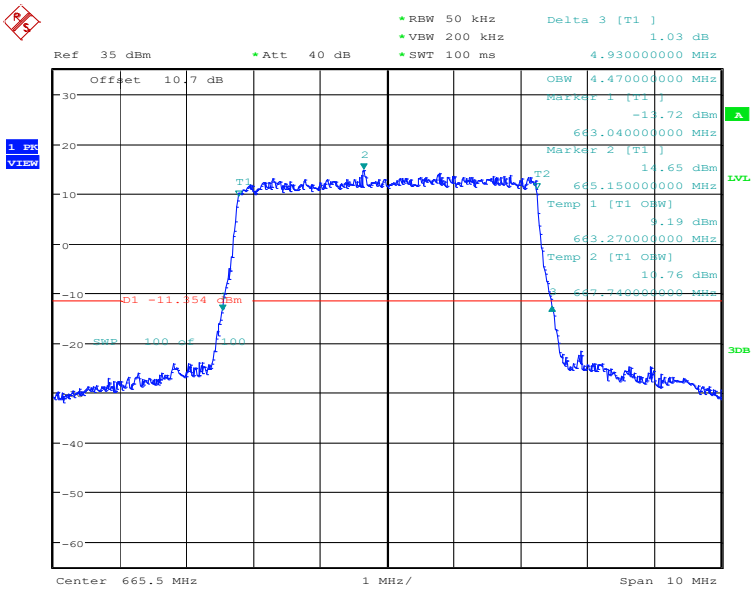
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

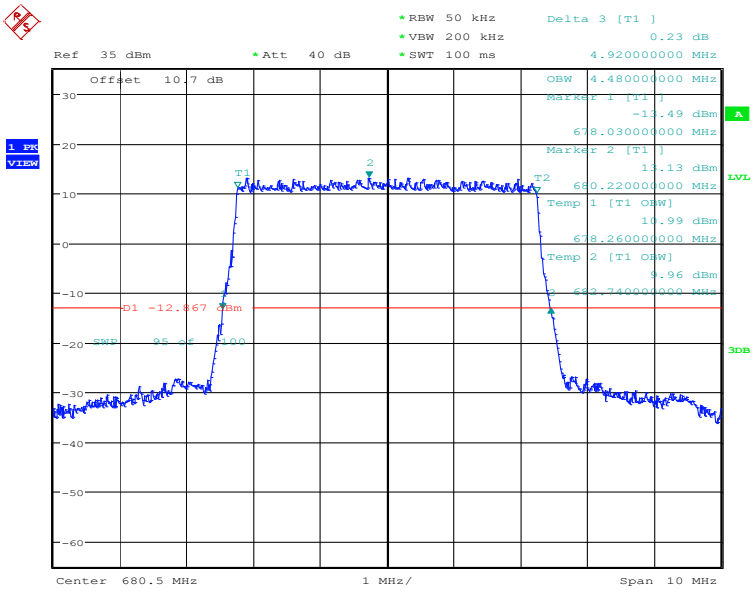
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	4.47	4.930	PASS
Band71	5MHz	QPSK	133297	25RB#0	4.48	4.920	PASS
Band71	5MHz	QPSK	133447	25RB#0	4.48	4.960	PASS
Band71	5MHz	16QAM	133147	25RB#0	4.47	4.950	PASS
Band71	5MHz	16QAM	133297	25RB#0	4.48	4.940	PASS
Band71	5MHz	16QAM	133447	25RB#0	4.48	4.880	PASS
Band71	10MHz	QPSK	133172	50RB#0	8.92	9.700	PASS
Band71	10MHz	QPSK	133297	50RB#0	8.9	9.620	PASS
Band71	10MHz	QPSK	133422	50RB#0	8.94	9.720	PASS
Band71	10MHz	16QAM	133172	50RB#0	8.92	9.640	PASS
Band71	10MHz	16QAM	133297	50RB#0	8.9	9.660	PASS
Band71	10MHz	16QAM	133422	50RB#0	8.94	9.580	PASS
Band71	15MHz	QPSK	133197	75RB#0	13.47	14.940	PASS
Band71	15MHz	QPSK	133297	75RB#0	13.35	14.670	PASS
Band71	15MHz	QPSK	133397	75RB#0	13.53	15.000	PASS
Band71	15MHz	16QAM	133197	75RB#0	13.47	14.850	PASS
Band71	15MHz	16QAM	133297	75RB#0	13.38	14.760	PASS
Band71	15MHz	16QAM	133397	75RB#0	13.53	14.820	PASS
Band71	20MHz	QPSK	133222	100RB#0	17.92	19.480	PASS
Band71	20MHz	QPSK	133322	100RB#0	17.84	19.240	PASS
Band71	20MHz	QPSK	133372	100RB#0	17.92	19.560	PASS
Band71	20MHz	16QAM	133222	100RB#0	17.88	19.480	PASS
Band71	20MHz	16QAM	133322	100RB#0	17.84	19.360	PASS
Band71	20MHz	16QAM	133372	100RB#0	17.96	19.320	PASS

Test Graphs

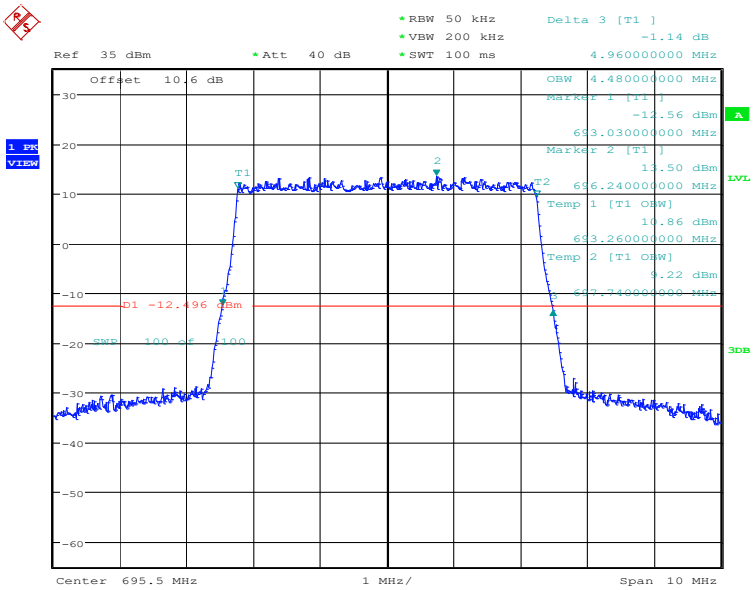
Band71-5MHz-QPSK-133147-25RB#0



Band71-5MHz-QPSK-133297-25RB#0

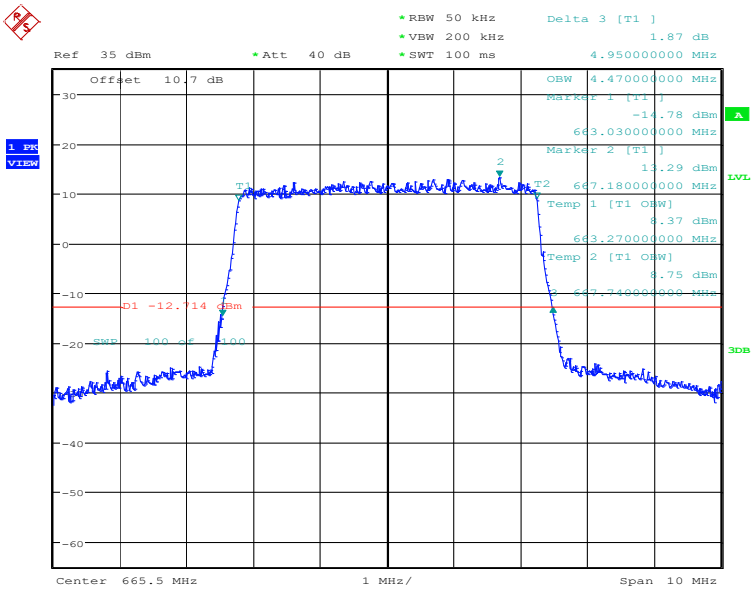


Band71-5MHz-QPSK-133447-25RB#0



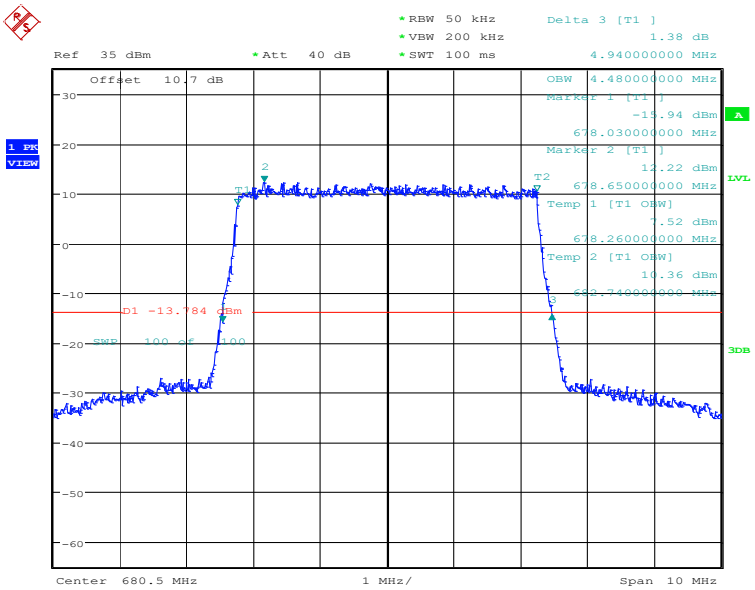
Date: 9.JUL.2021 16:43:16

Band71-5MHz-16QAM-133147-25RB#0



Date: 9.JUL.2021 16:42:16

Band71-5MHz-16QAM-133297-25RB#0



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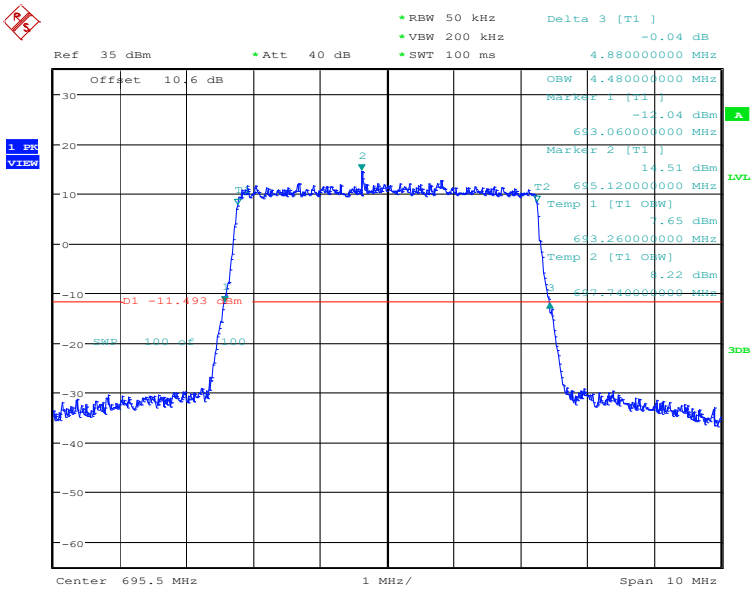

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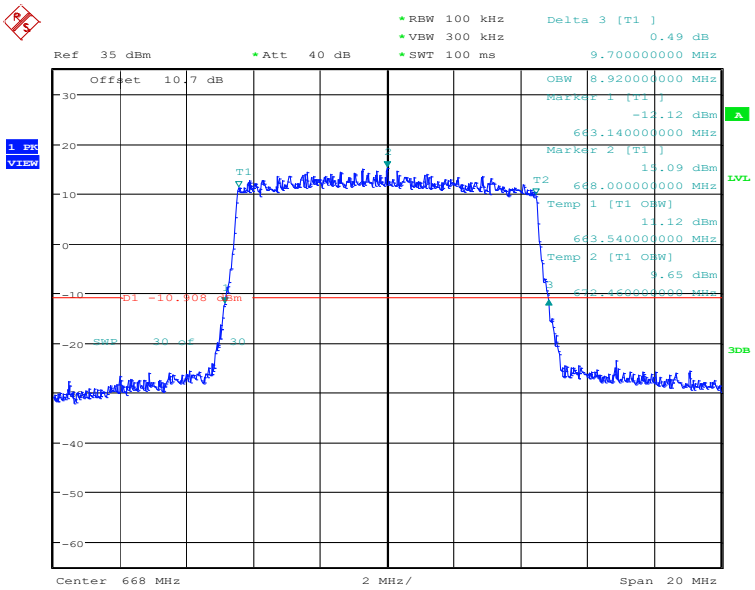

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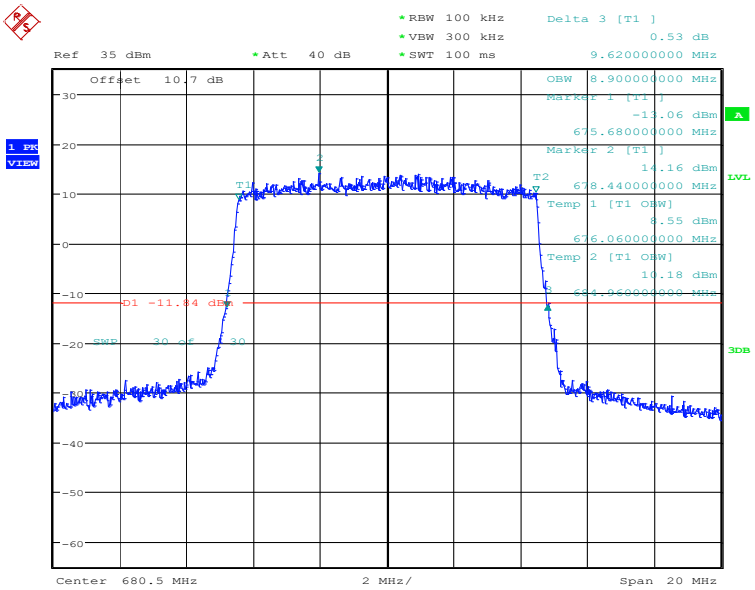

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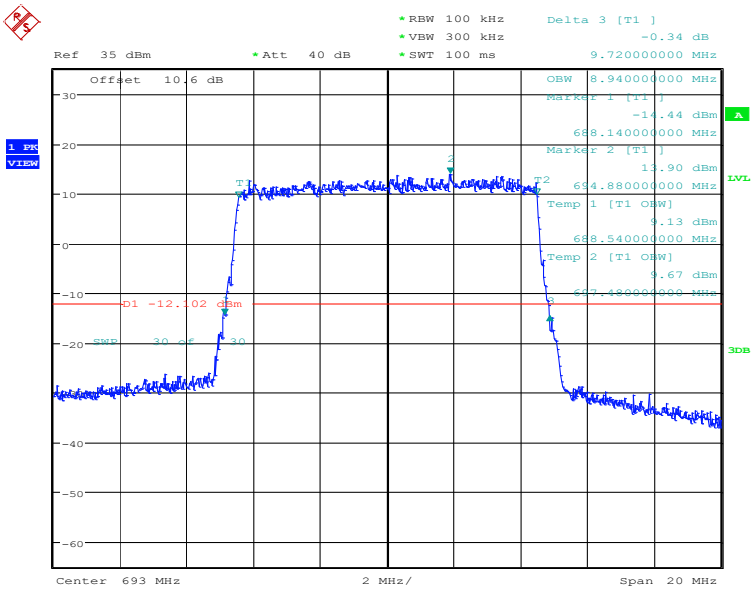

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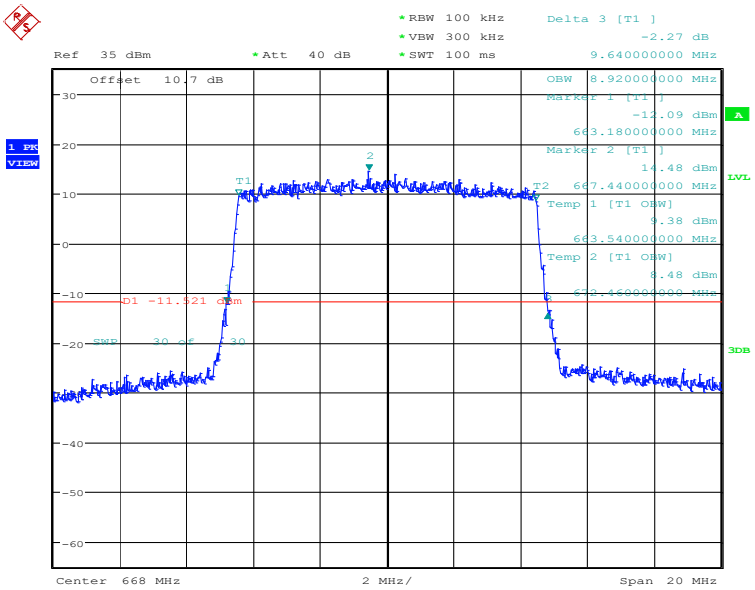

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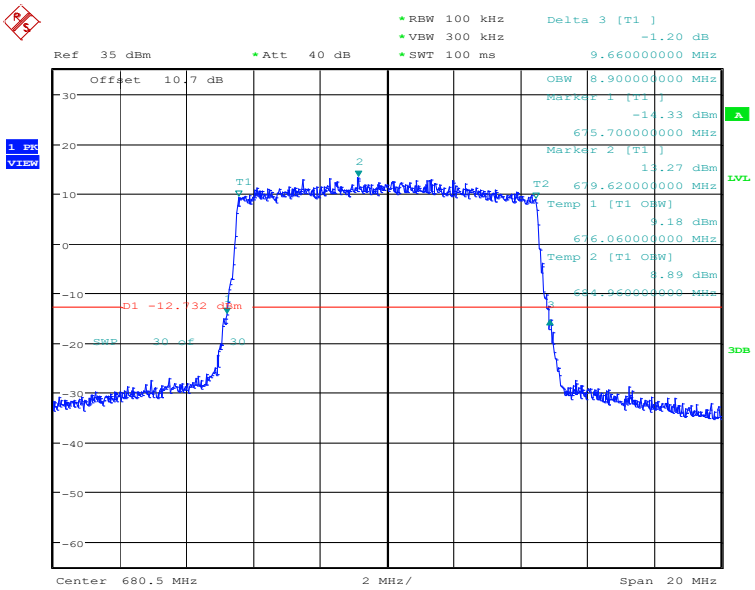

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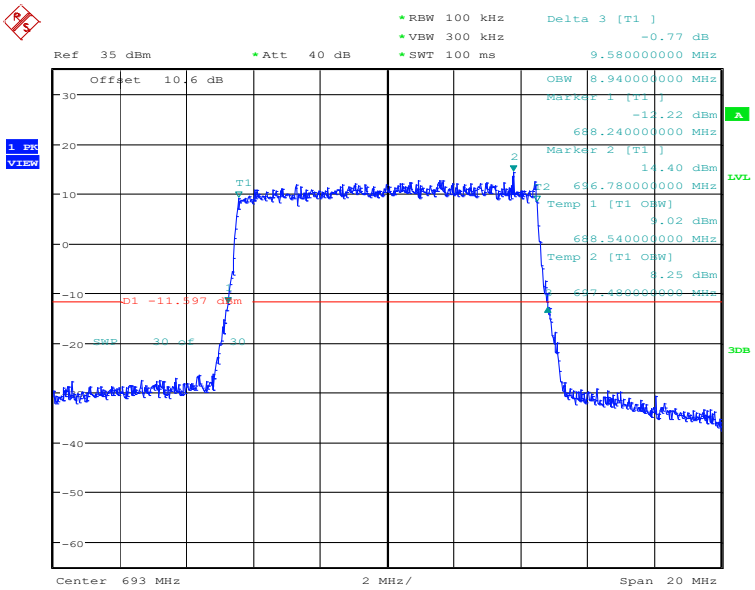

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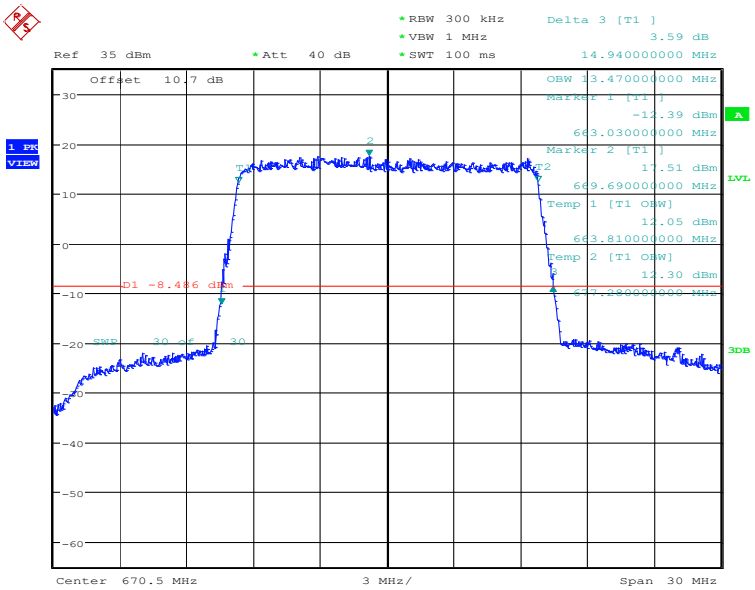
Band71-15MHz-QPSK-133197-75RB#0



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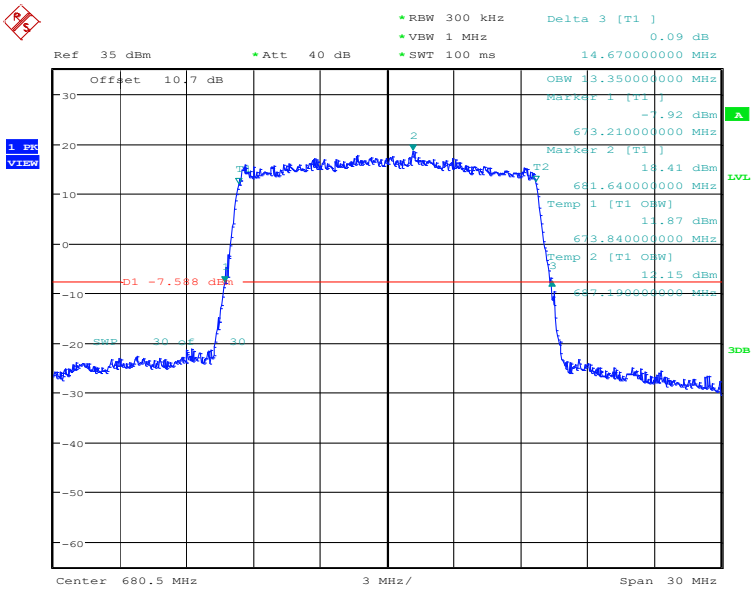

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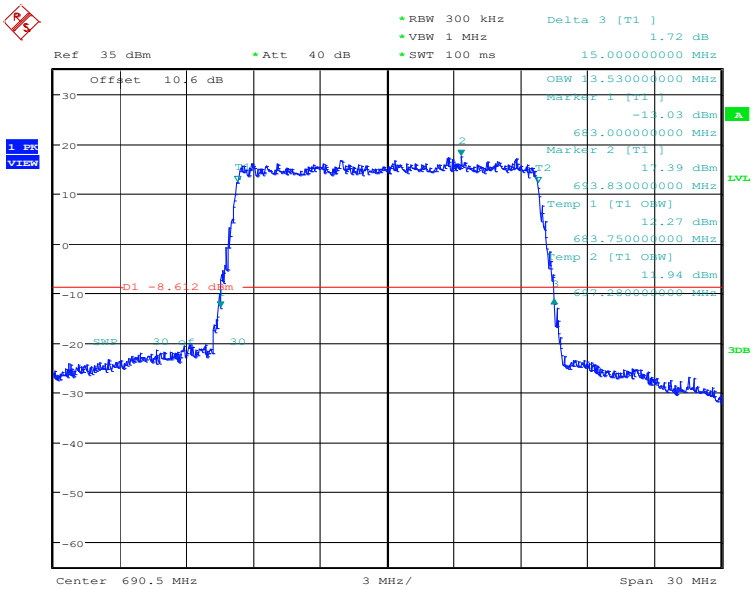

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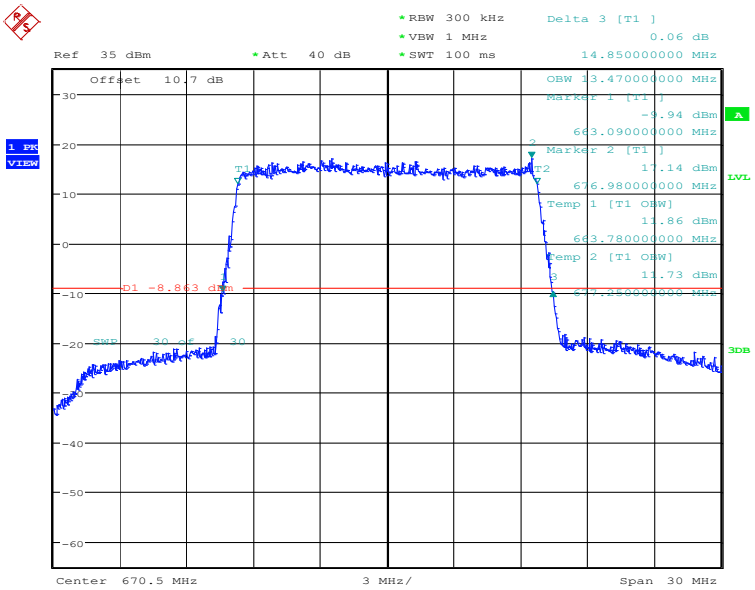
Band71-15MHz-16QAM-133197-75RB#0



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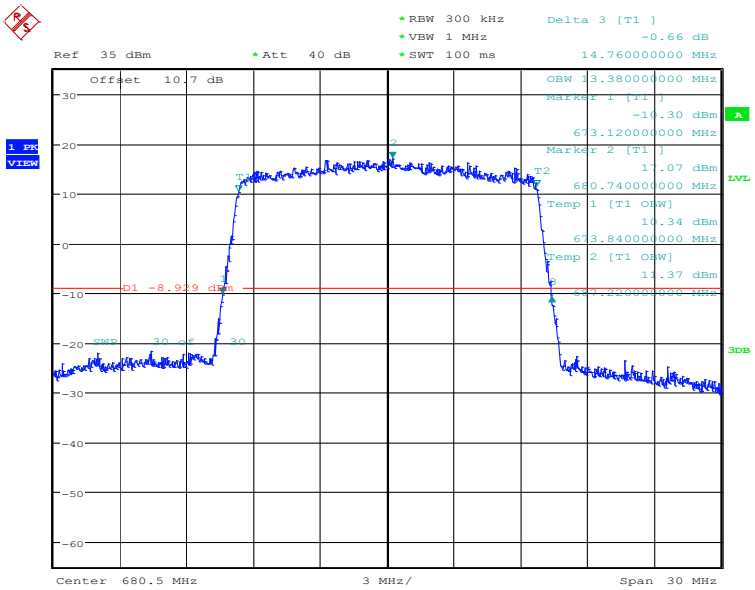

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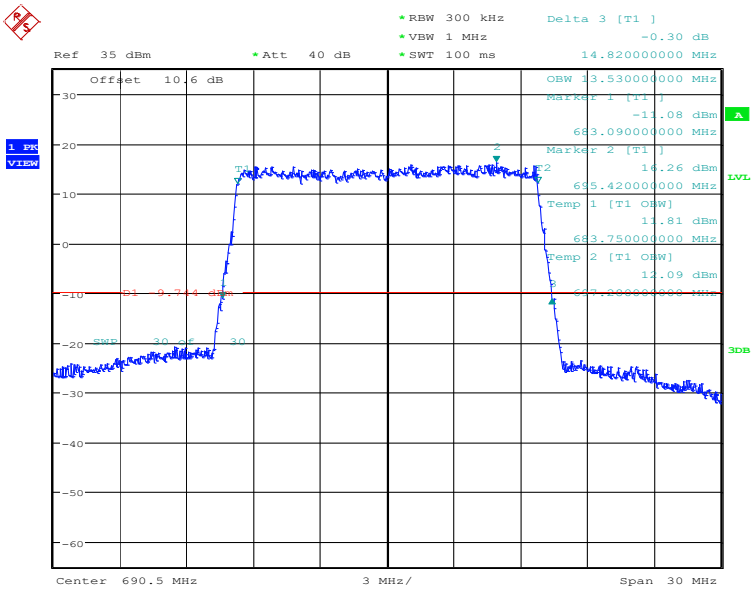

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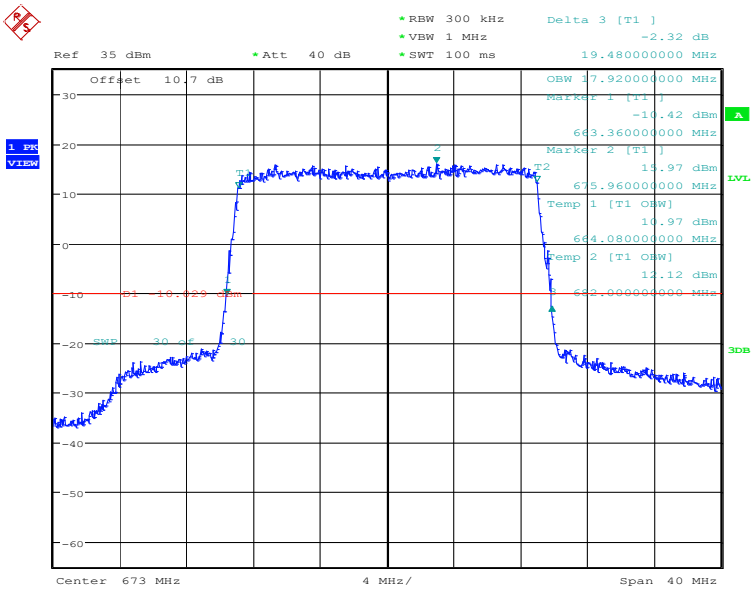

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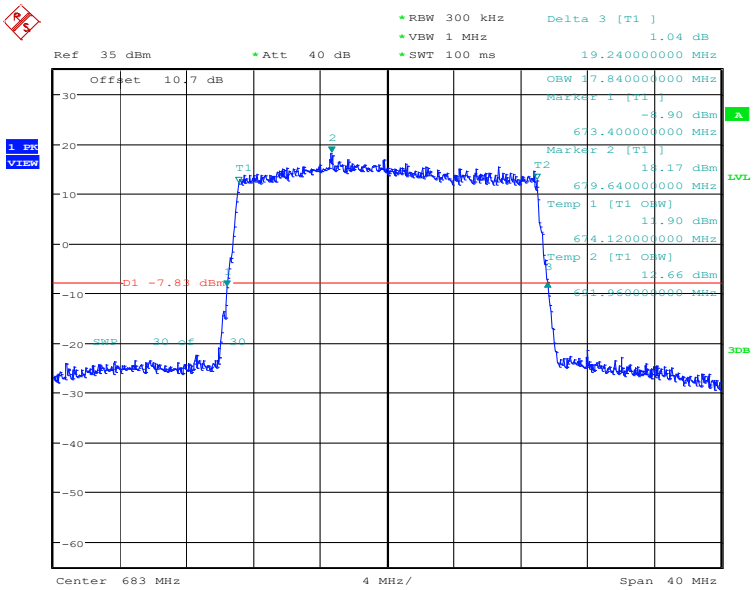
Band71-20MHz-QPSK-133322-100RB#0



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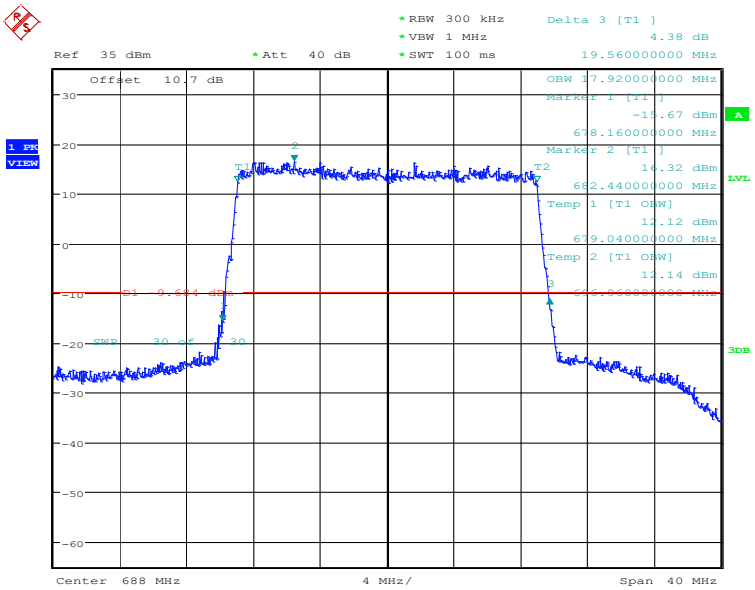

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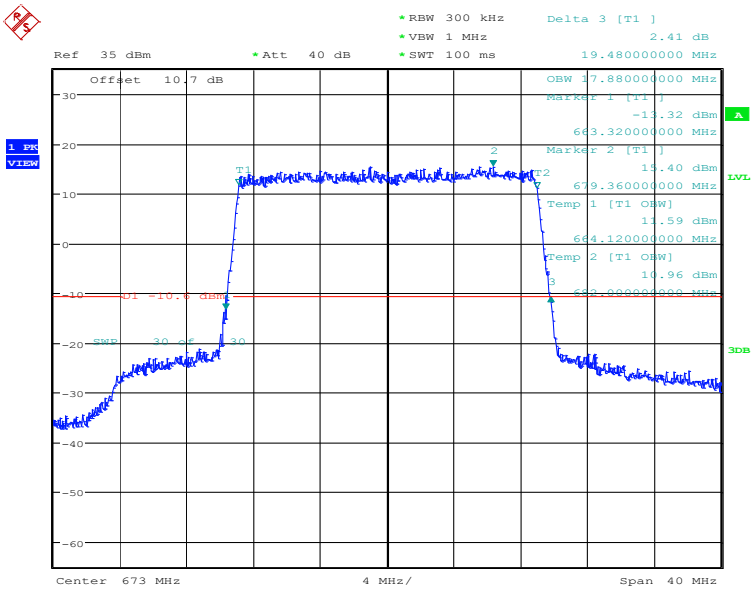

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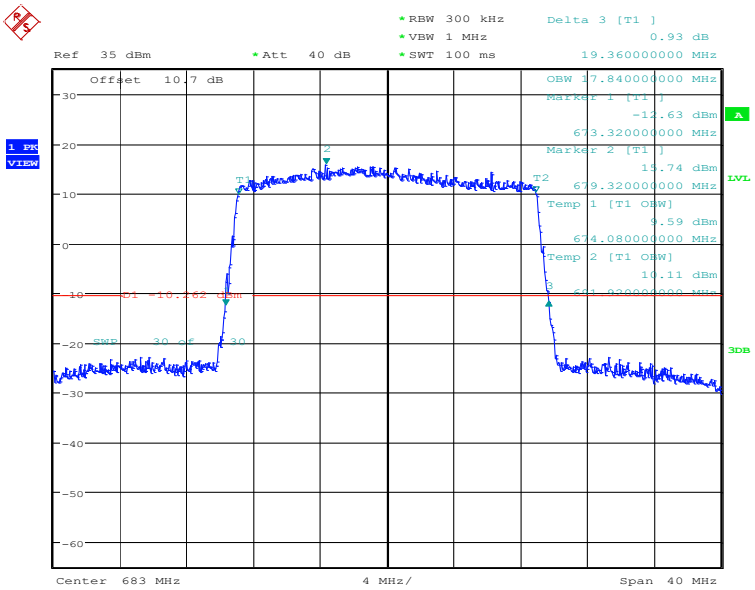

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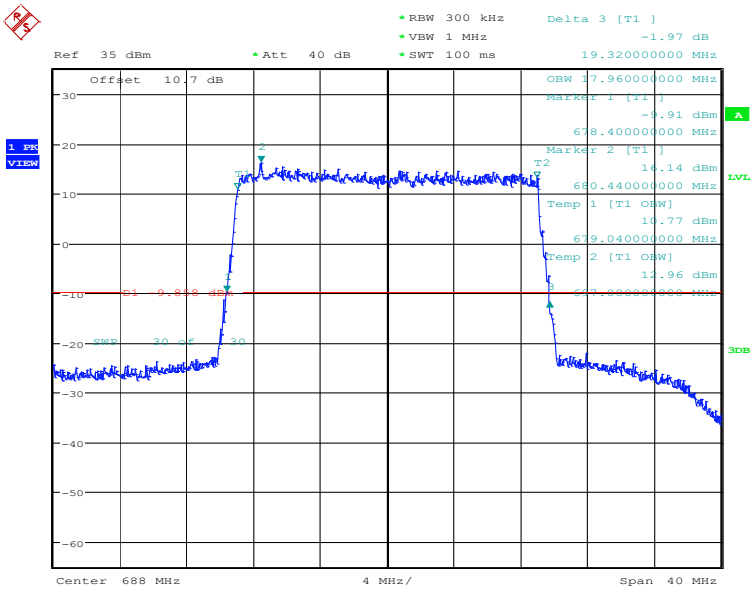
Band71-20MHz-16QAM-133372-100RB#0



Date: 9.JUL.2021 16:51:32

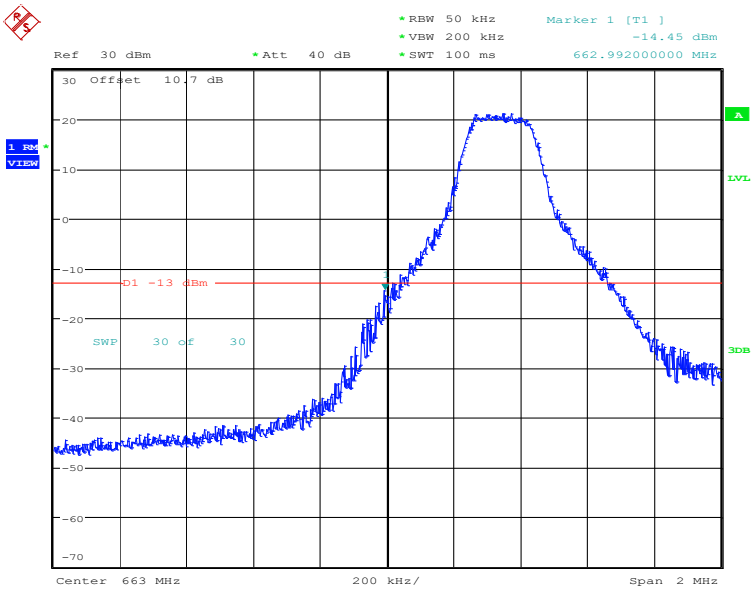
Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	-14.45	PASS
Band71	5MHz	QPSK	133147	25RB#0	-24.13	PASS
Band71	5MHz	QPSK	133447	1RB#24	-17.98	PASS
Band71	5MHz	QPSK	133447	25RB#0	-25.58	PASS
Band71	5MHz	16QAM	133147	1RB#0	-19.53	PASS
Band71	5MHz	16QAM	133147	25RB#0	-24.26	PASS
Band71	5MHz	16QAM	133447	1RB#24	-17.60	PASS
Band71	5MHz	16QAM	133447	25RB#0	-25.01	PASS
Band71	10MHz	QPSK	133172	1RB#0	-28.05	PASS
Band71	10MHz	QPSK	133172	50RB#0	-29.10	PASS
Band71	10MHz	QPSK	133422	1RB#49	-28.70	PASS
Band71	10MHz	QPSK	133422	50RB#0	-28.74	PASS
Band71	10MHz	16QAM	133172	1RB#0	-28.40	PASS
Band71	10MHz	16QAM	133172	50RB#0	-30.10	PASS
Band71	10MHz	16QAM	133422	1RB#49	-27.32	PASS
Band71	10MHz	16QAM	133422	50RB#0	-30.31	PASS
Band71	15MHz	QPSK	133197	1RB#0	-21.29	PASS
Band71	15MHz	QPSK	133197	75RB#0	-27.67	PASS
Band71	15MHz	QPSK	133397	1RB#74	-19.96	PASS
Band71	15MHz	QPSK	133397	75RB#0	-26.93	PASS
Band71	15MHz	16QAM	133197	1RB#0	-22.06	PASS
Band71	15MHz	16QAM	133197	75RB#0	-28.72	PASS
Band71	15MHz	16QAM	133397	1RB#74	-21.46	PASS
Band71	15MHz	16QAM	133397	75RB#0	-30.08	PASS
Band71	20MHz	QPSK	133222	1RB#0	-21.87	PASS
Band71	20MHz	QPSK	133222	100RB#0	-28.68	PASS
Band71	20MHz	QPSK	133372	1RB#99	-20.55	PASS
Band71	20MHz	QPSK	133372	100RB#0	-30.55	PASS
Band71	20MHz	16QAM	133222	1RB#0	-21.27	PASS
Band71	20MHz	16QAM	133222	100RB#0	-29.67	PASS
Band71	20MHz	16QAM	133372	1RB#99	-21.25	PASS
Band71	20MHz	16QAM	133372	100RB#0	-30.90	PASS

Test Graphs

Band71-5MHz-QPSK-133147-1RB#0



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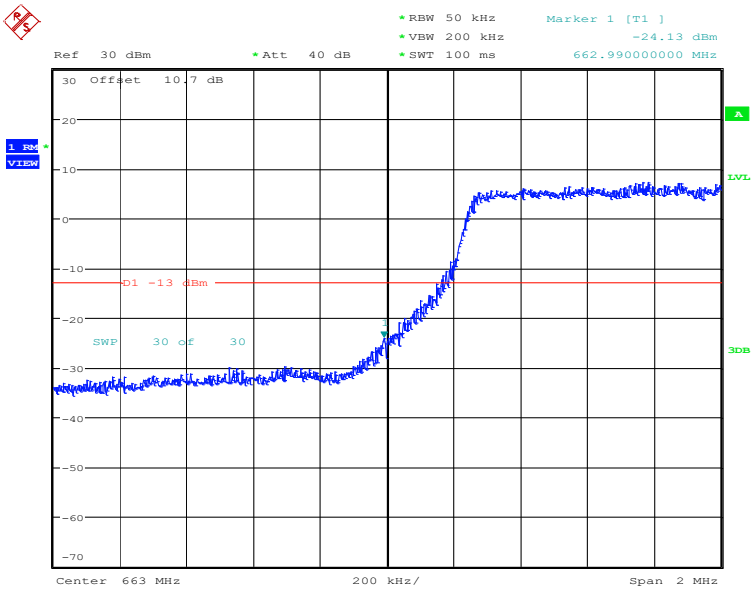

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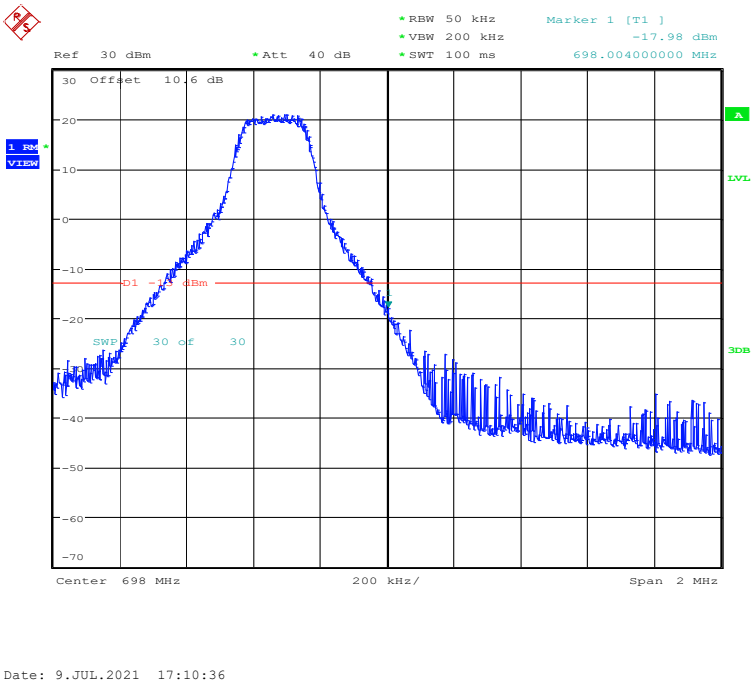

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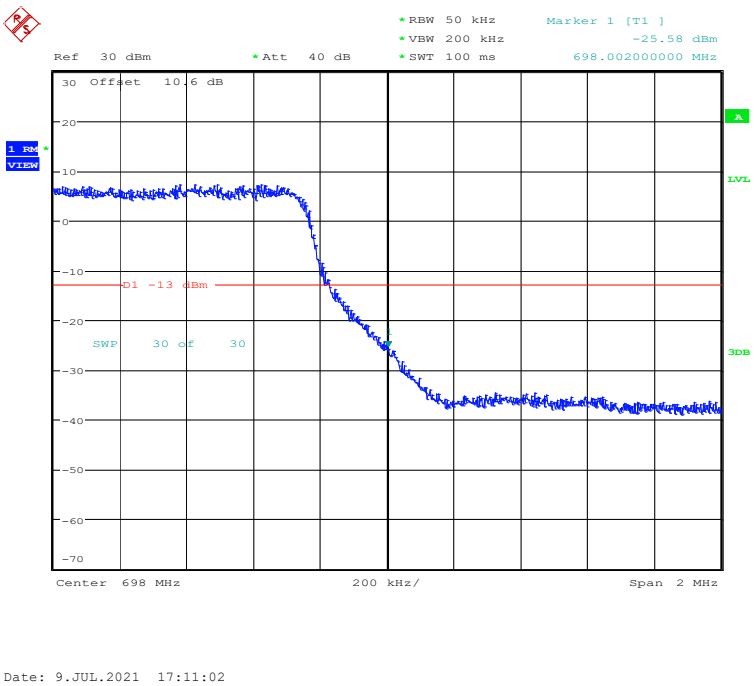
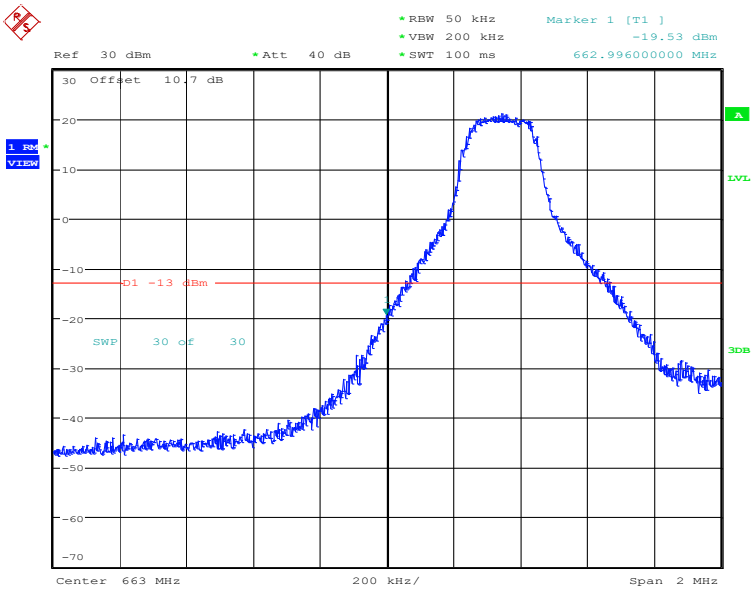


Band71-5MHz-16QAM-133147-1RB#0



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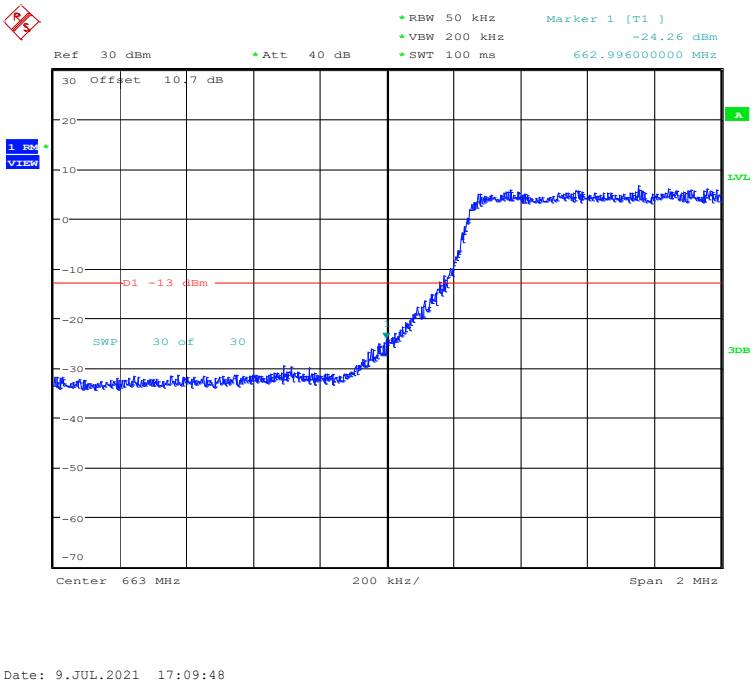
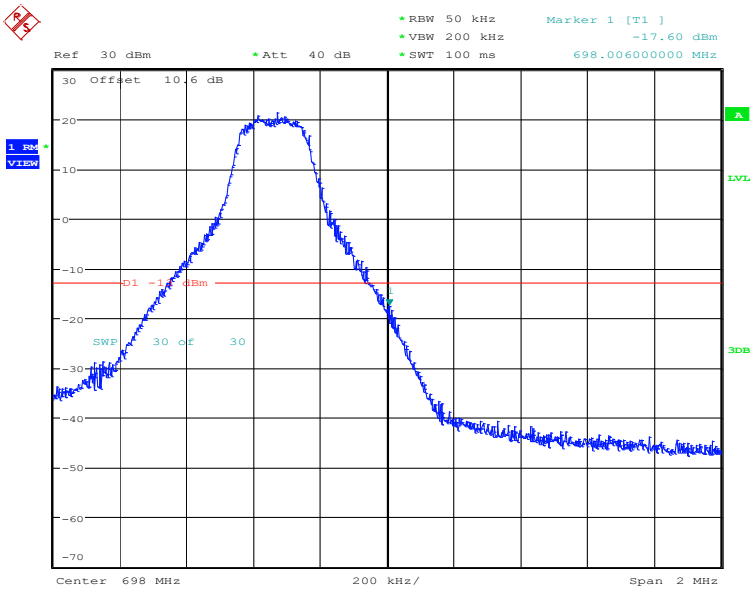


Band71-5MHz-16QAM-133447-1RB#24



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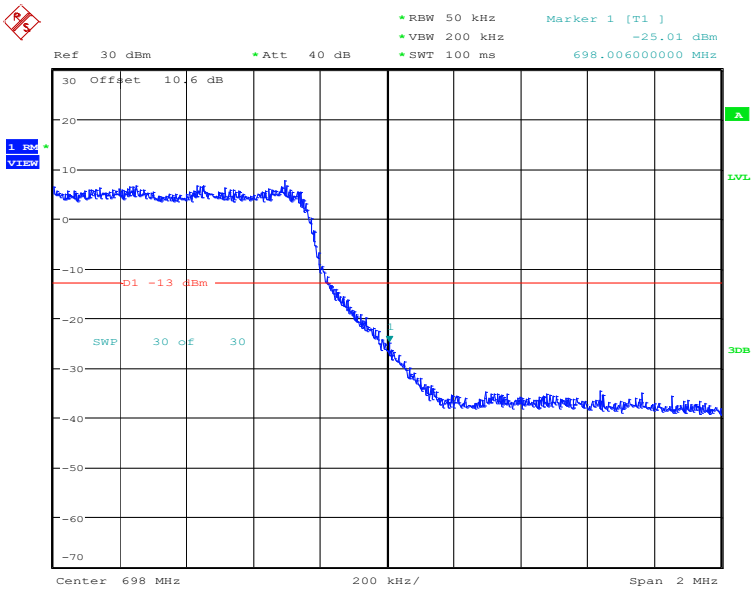

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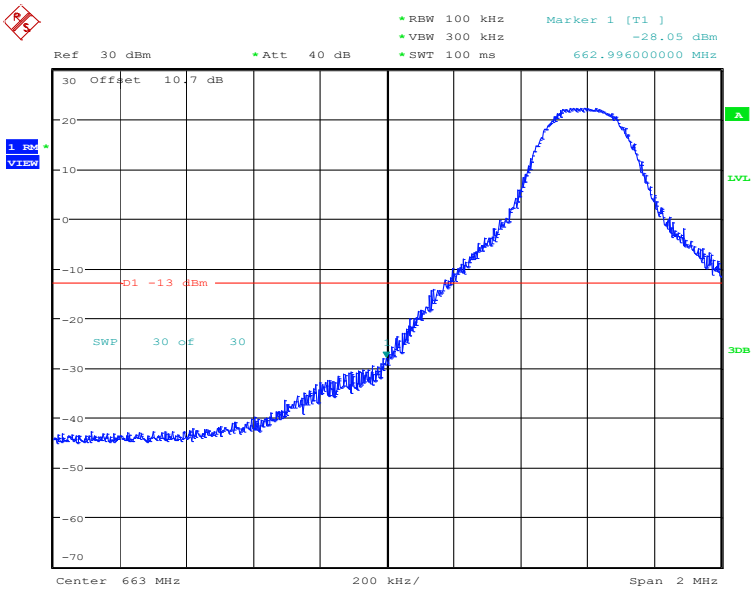

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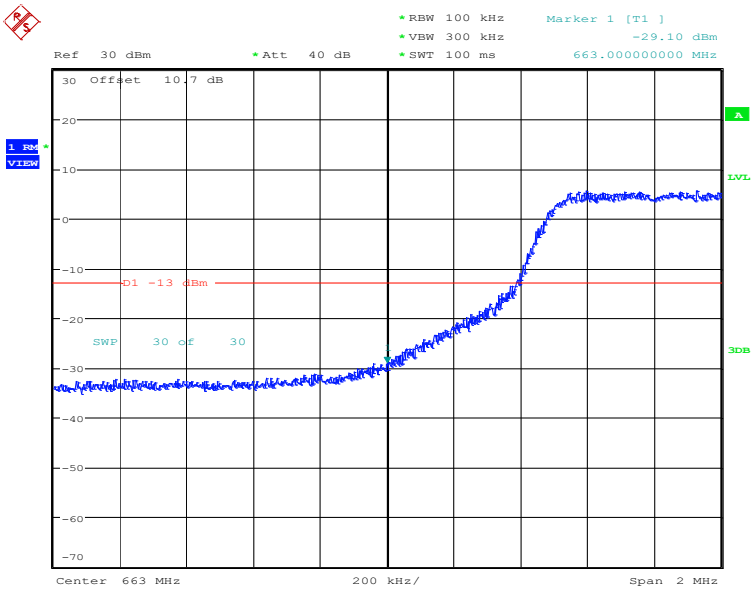

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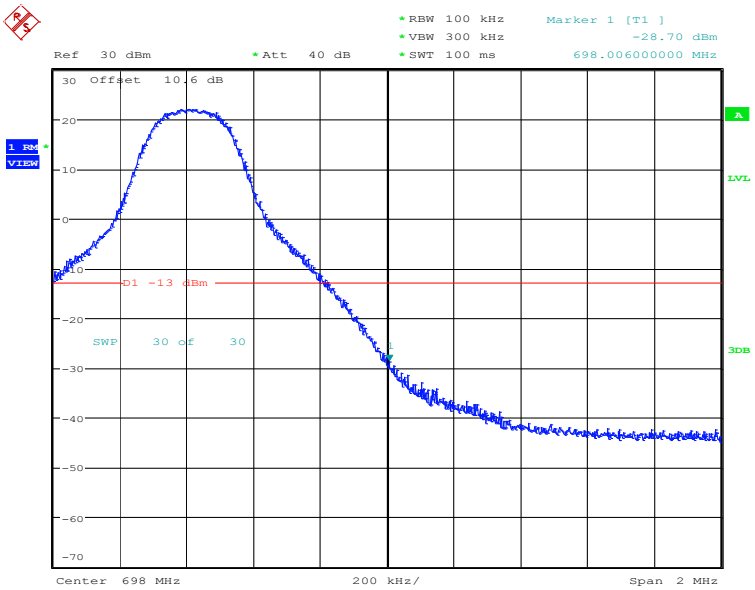

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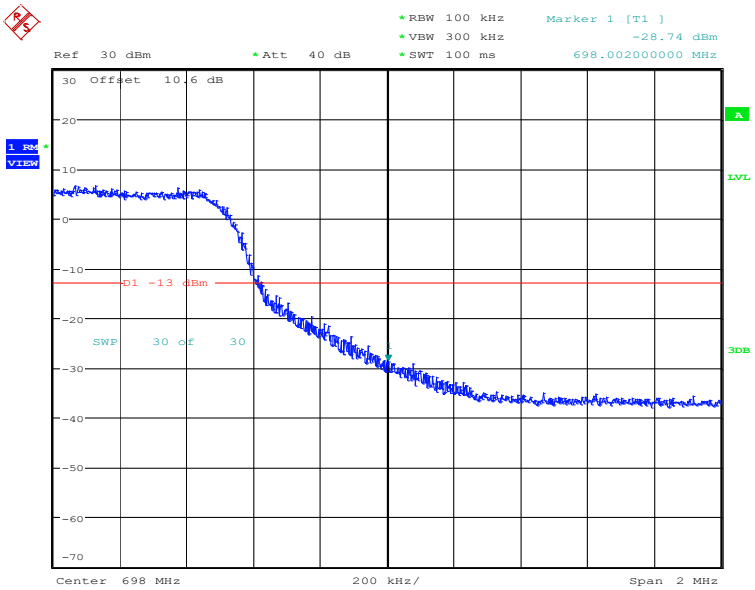

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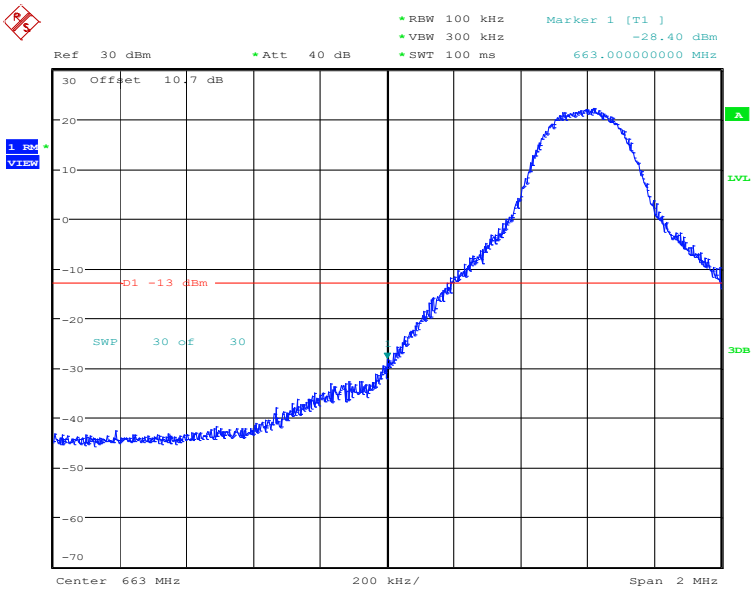

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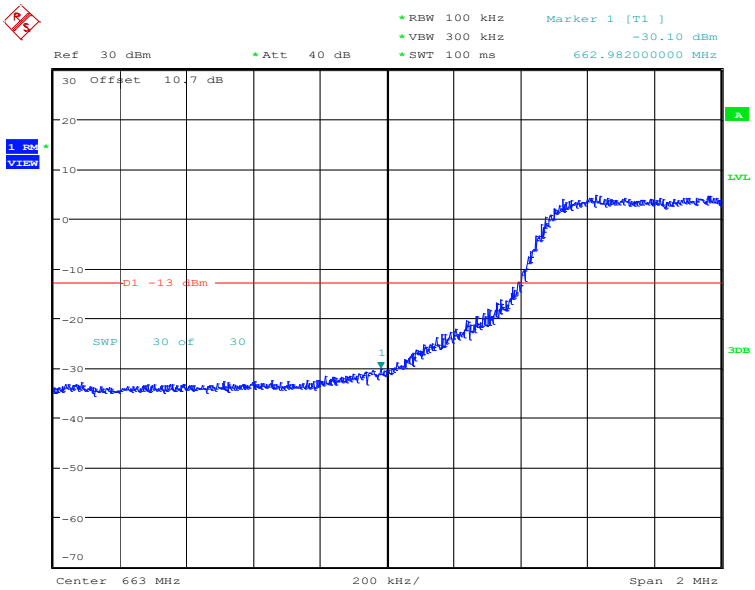

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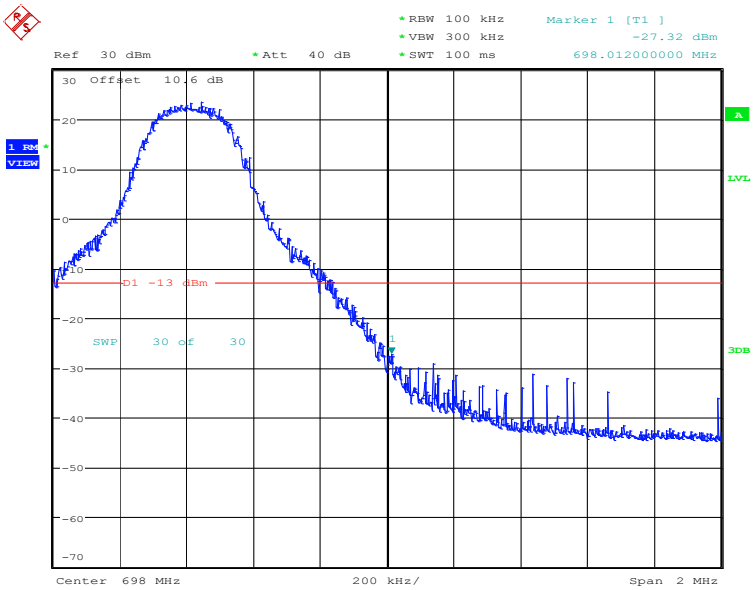

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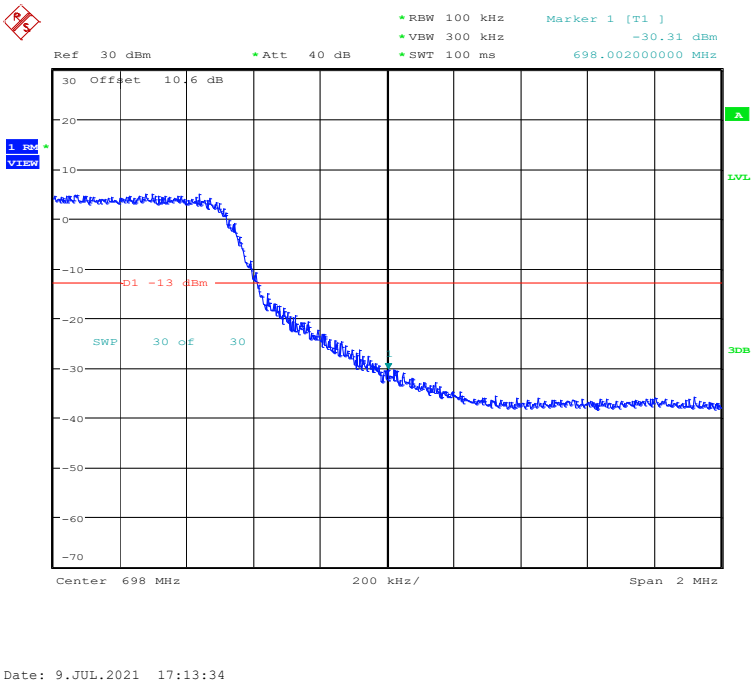

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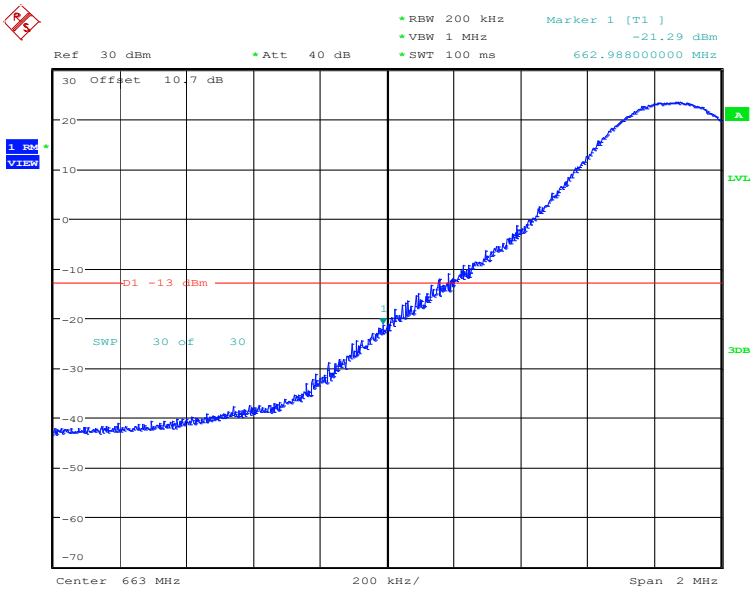

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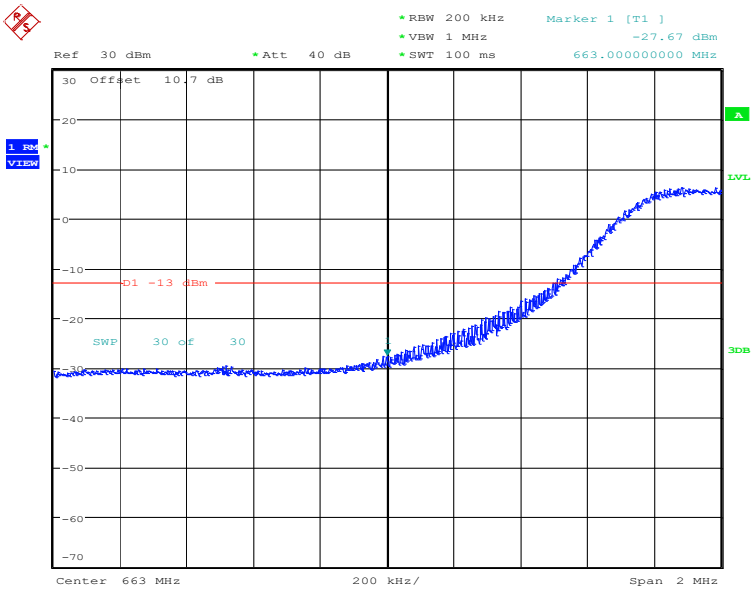
Band71-15MHz-QPSK-133197-75RB#0



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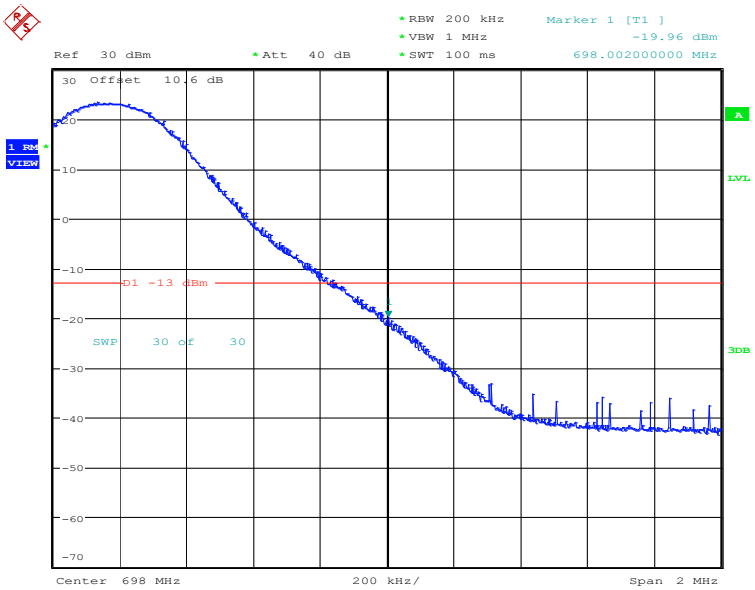

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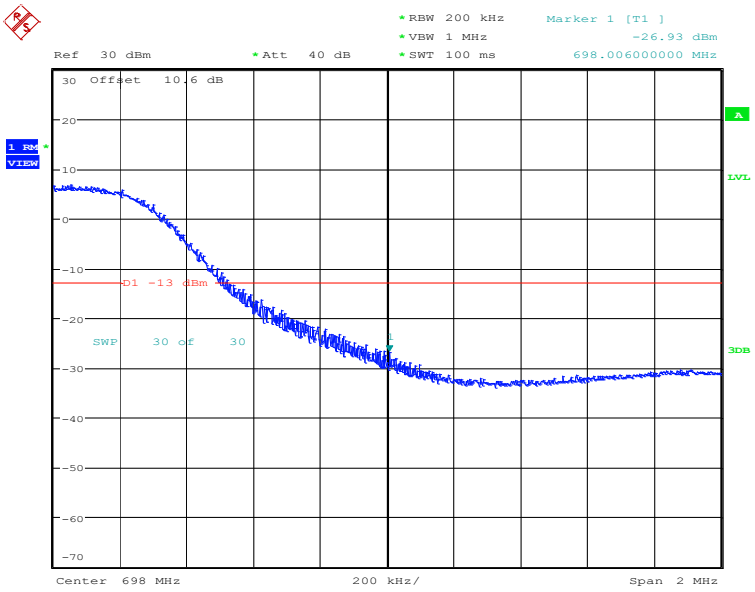

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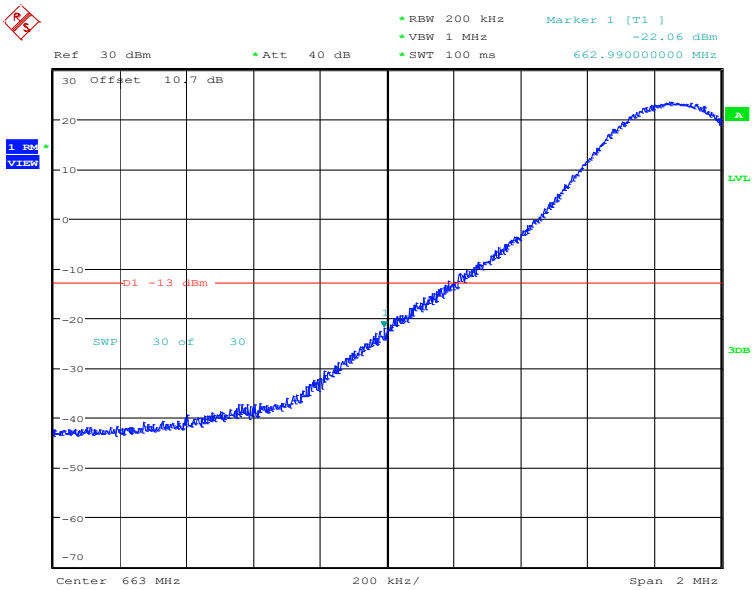
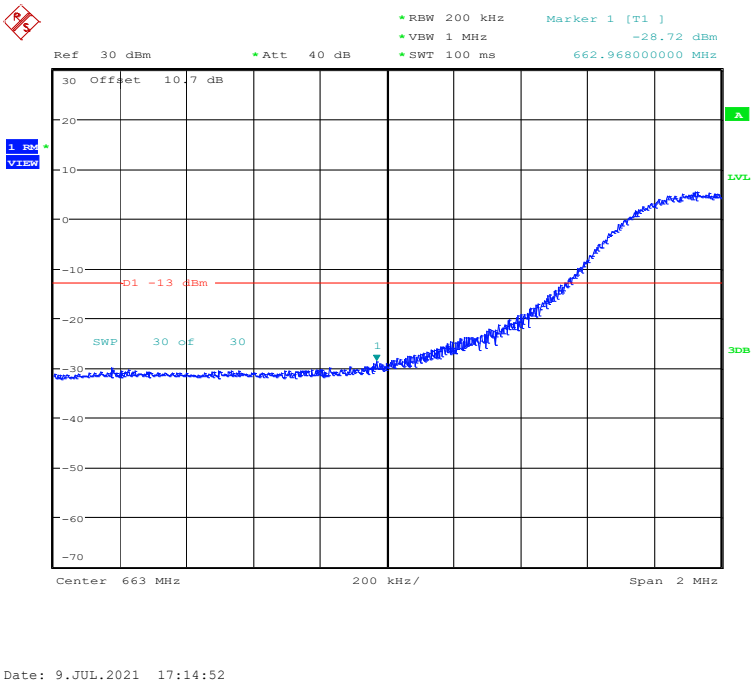
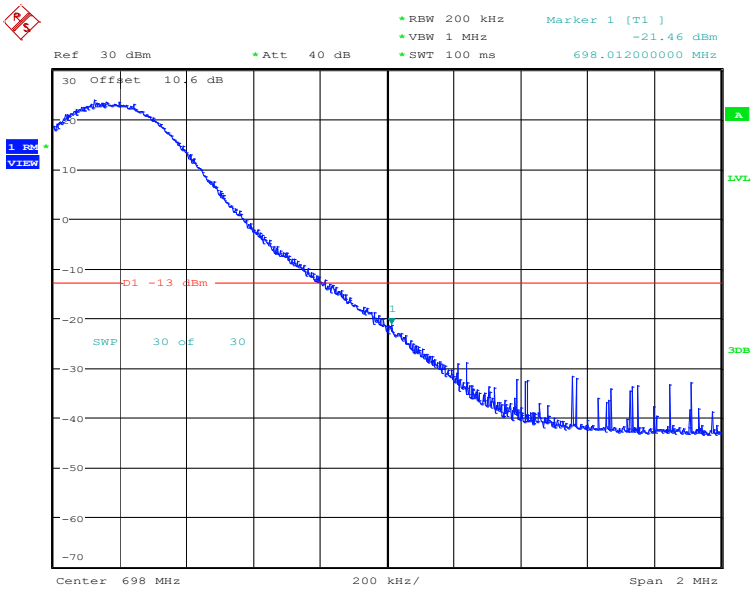


Band71-15MHz-16QAM-133197-75RB#0

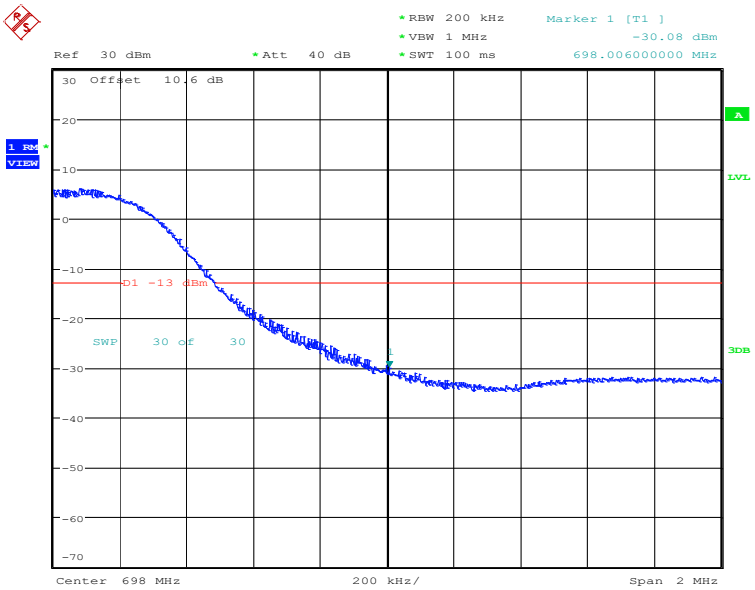


Band71-15MHz-16QAM-133397-1RB#74



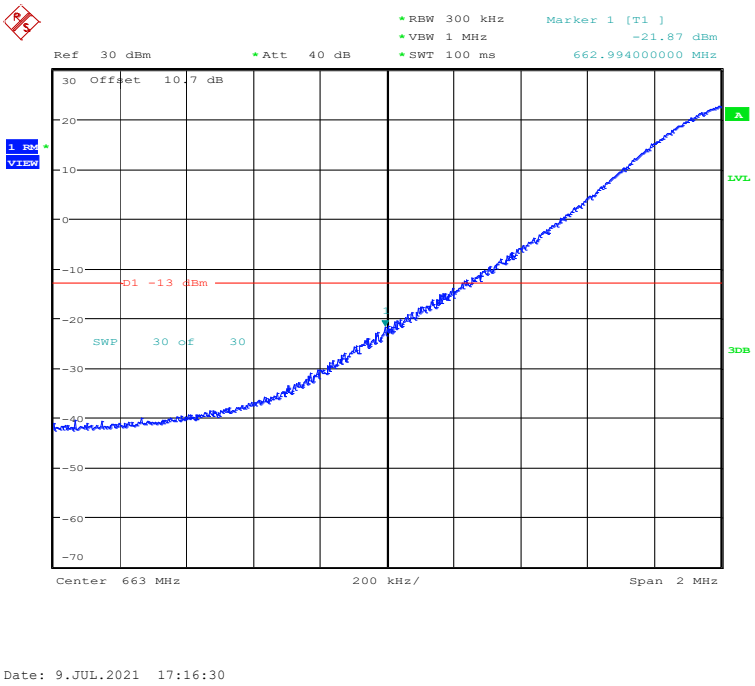
Date: 9.JUL.2021 17:15:26

Band71-15MHz-16QAM-133397-75RB#0

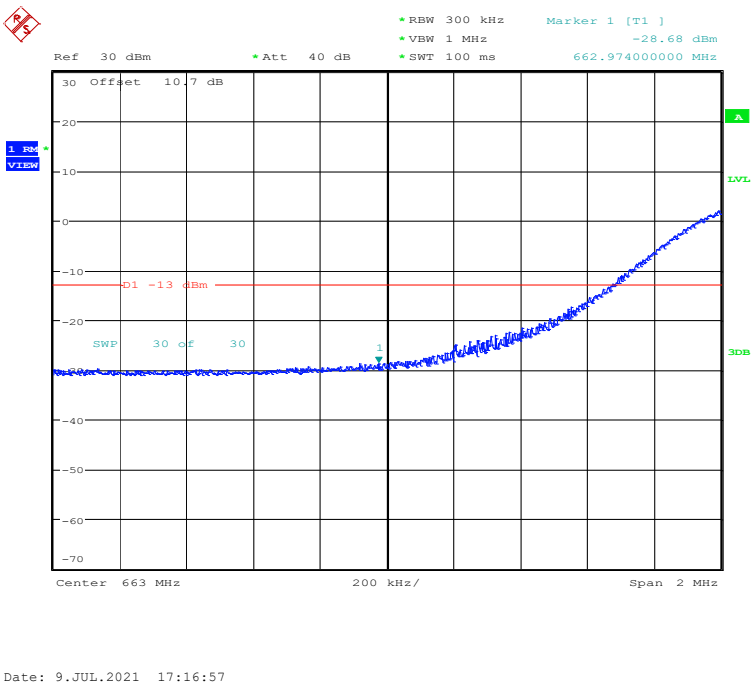


Date: 9.JUL.2021 17:15:52

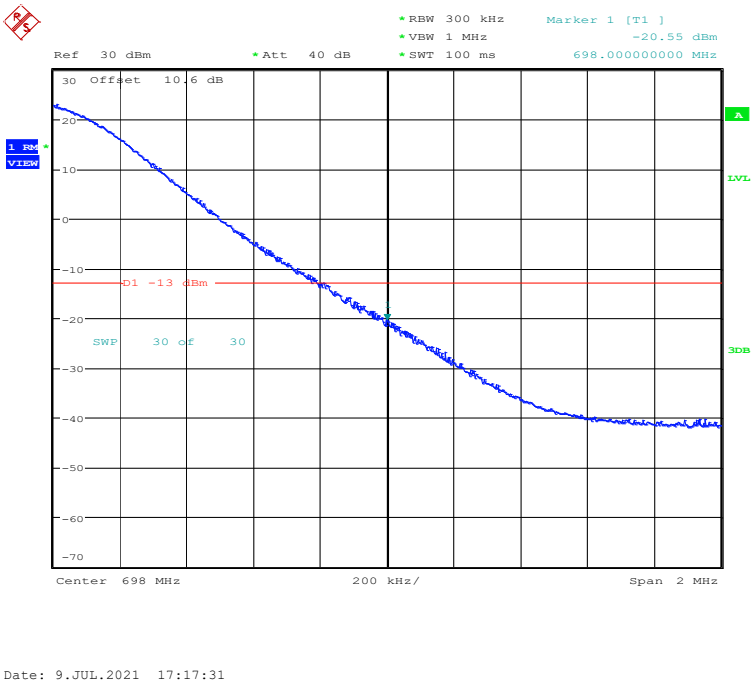
Band71-20MHz-QPSK-133222-1RB#0



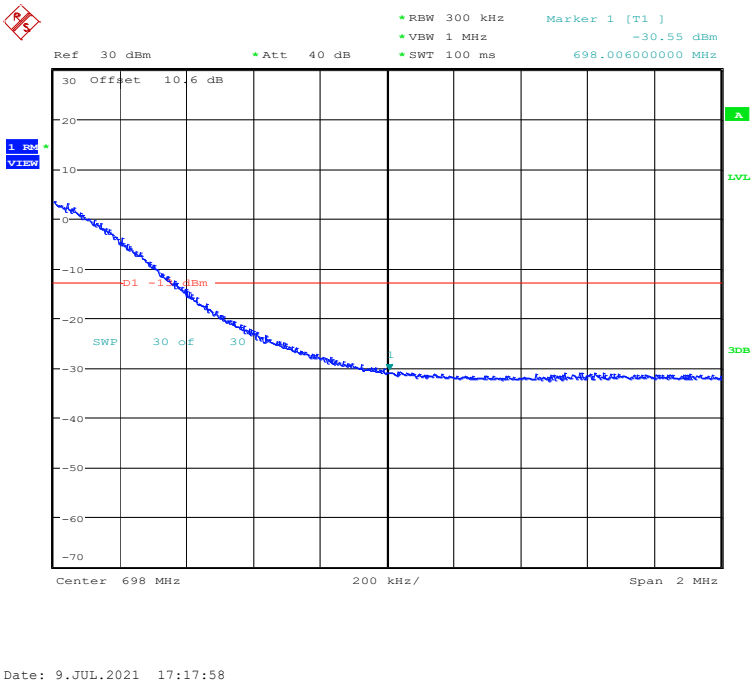
Band71-20MHz-QPSK-133222-100RB#0



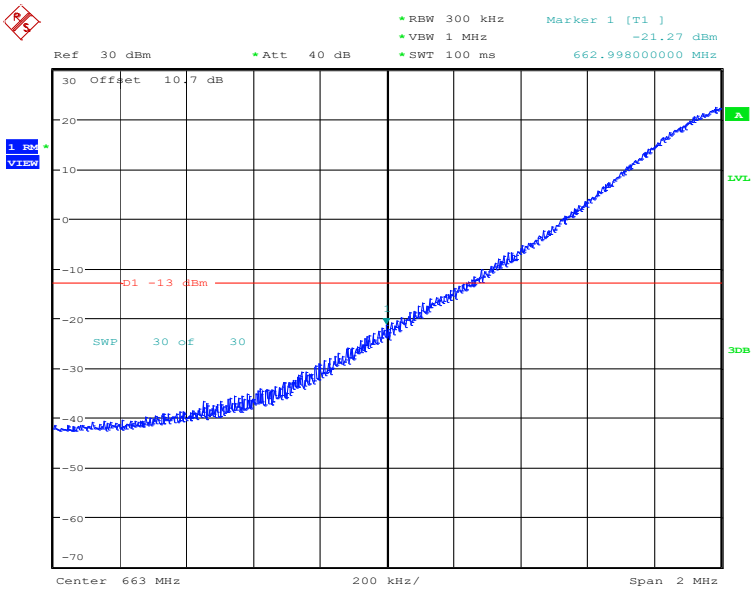
Band71-20MHz-QPSK-133372-1RB#99



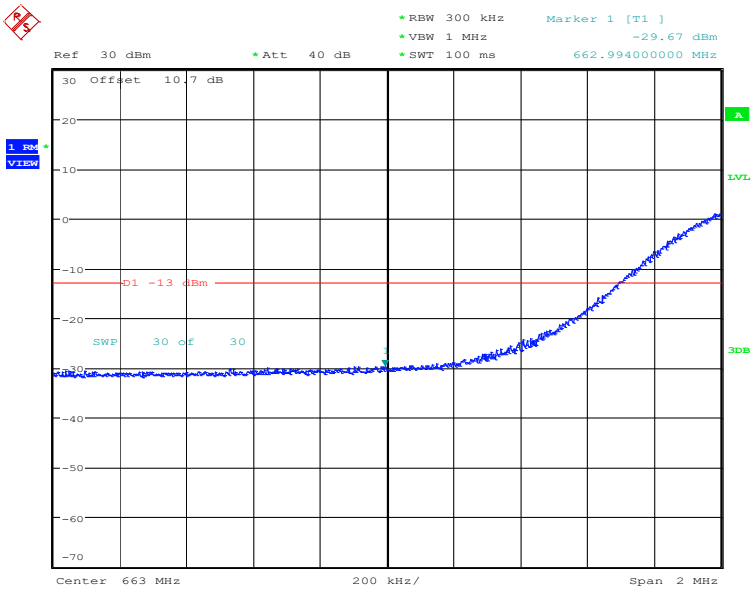
Band71-20MHz-QPSK-133372-100RB#0



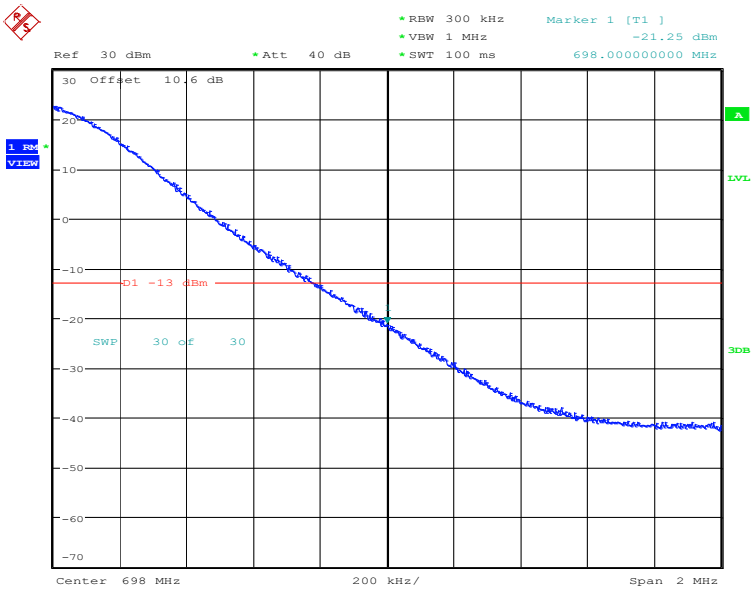
Band71-20MHz-16QAM-133222-1RB#0



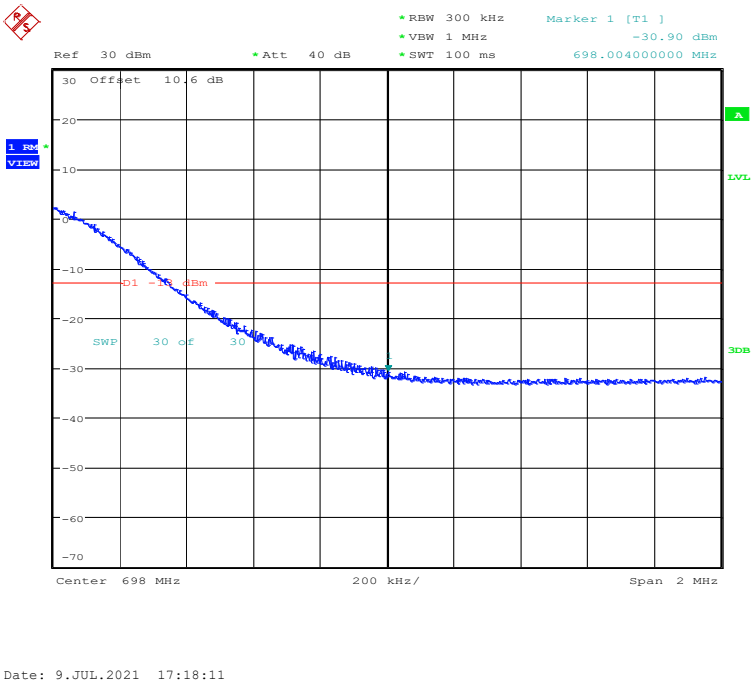
Band71-20MHz-16QAM-133222-100RB#0



Band71-20MHz-16QAM-133372-1RB#99



Band71-20MHz-16QAM-133372-100RB#0



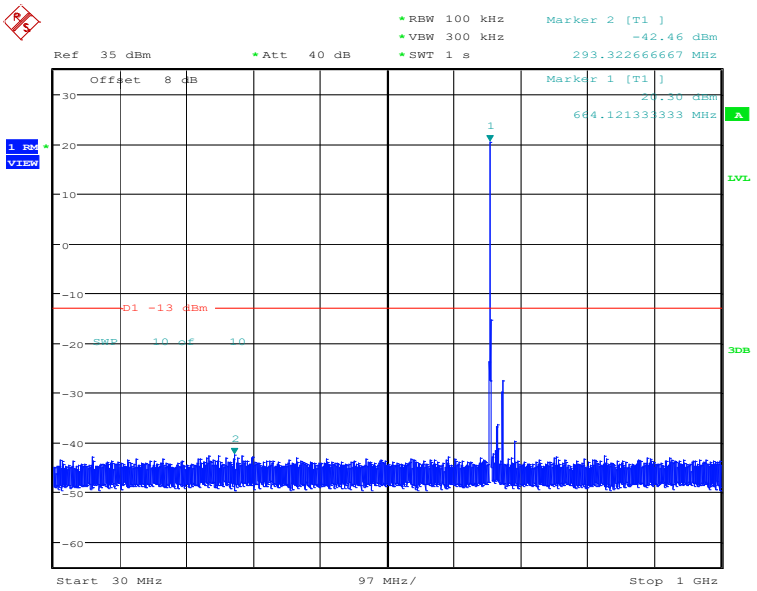
Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band71	20MHz	QPSK	133222	1RB#0	Range1:30~1000MHz	-42.46	PASS
Band71	20MHz	QPSK	133222	1RB#0	Range2:1000~10000MHz	-32.32	PASS
Band71	20MHz	QPSK	133322	1RB#0	Range1:30~1000MHz	-42	PASS
Band71	20MHz	QPSK	133322	1RB#0	Range2:1000~10000MHz	-32.61	PASS
Band71	20MHz	QPSK	133372	1RB#0	Range1:30~1000MHz	-42.33	PASS
Band71	20MHz	QPSK	133372	1RB#0	Range2:1000~10000MHz	-35.19	PASS
Band71	20MHz	16QAM	133222	1RB#0	Range1:30~1000MHz	-42.51	PASS
Band71	20MHz	16QAM	133222	1RB#0	Range2:1000~10000MHz	-30.12	PASS
Band71	20MHz	16QAM	133322	1RB#0	Range1:30~1000MHz	-42.53	PASS
Band71	20MHz	16QAM	133322	1RB#0	Range2:1000~10000MHz	-33.12	PASS
Band71	20MHz	16QAM	133372	1RB#0	Range1:30~1000MHz	-42.21	PASS
Band71	20MHz	16QAM	133372	1RB#0	Range2:1000~10000MHz	-34.59	PASS

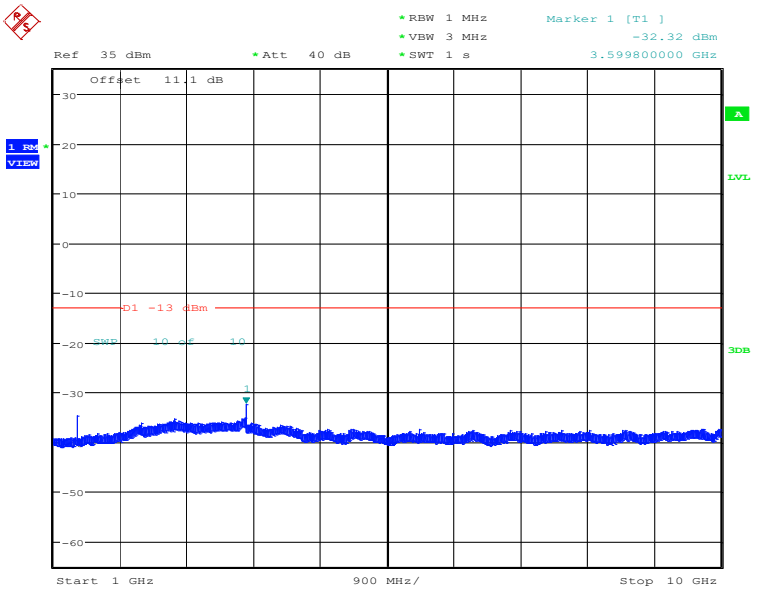
Test Graphs

Band71-20MHz-QPSK-133222-1RB#0-Range1:30~1000MHz



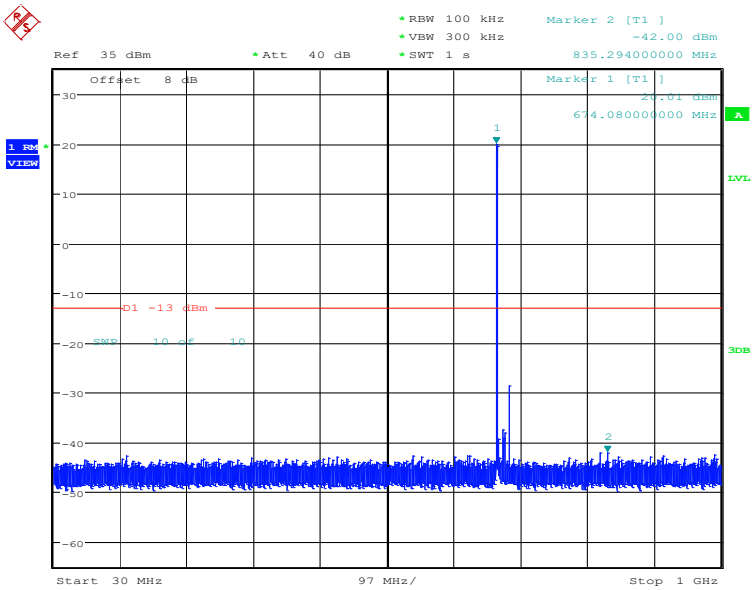
Date: 9.JUL.2021 17:03:28

Band71-20MHz-QPSK-133222-1RB#0-Range2:1000~10000MHz



Date: 9.JUL.2021 17:03:46

Band71-20MHz-QPSK-133322-1RB#0-Range1:30~1000MHz



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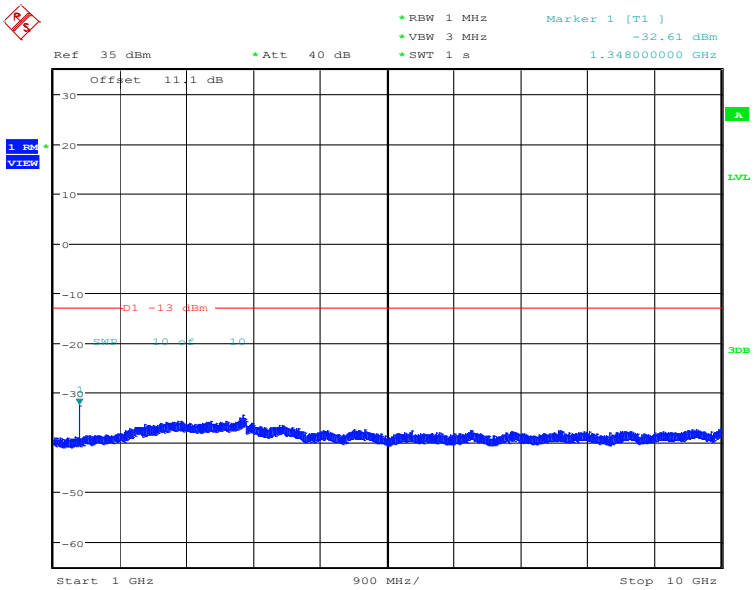
Band71-20MHz-QPSK-133322-1RB#0-Range2:1000~10000MHz



Date: 9.JUL.2021 17:05:07

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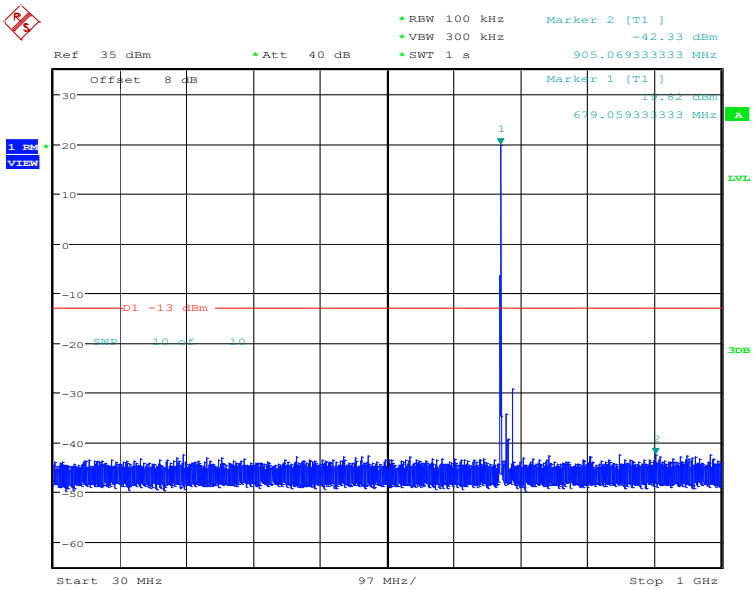
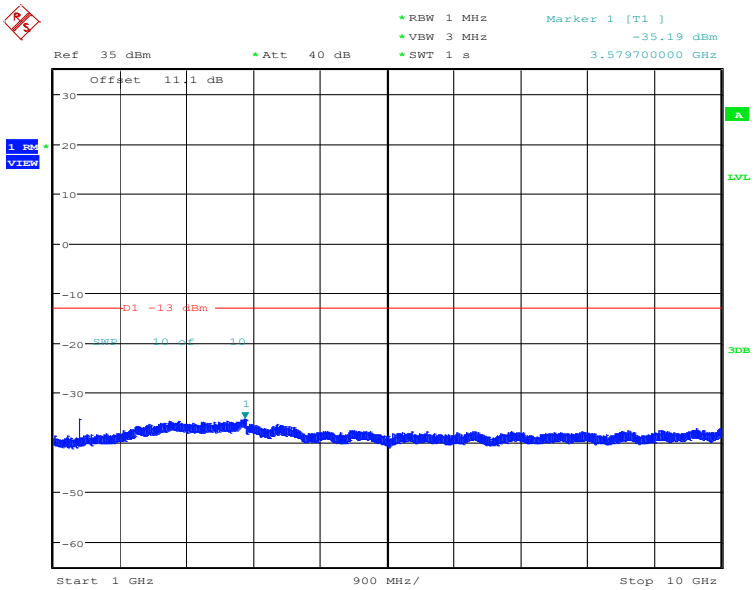


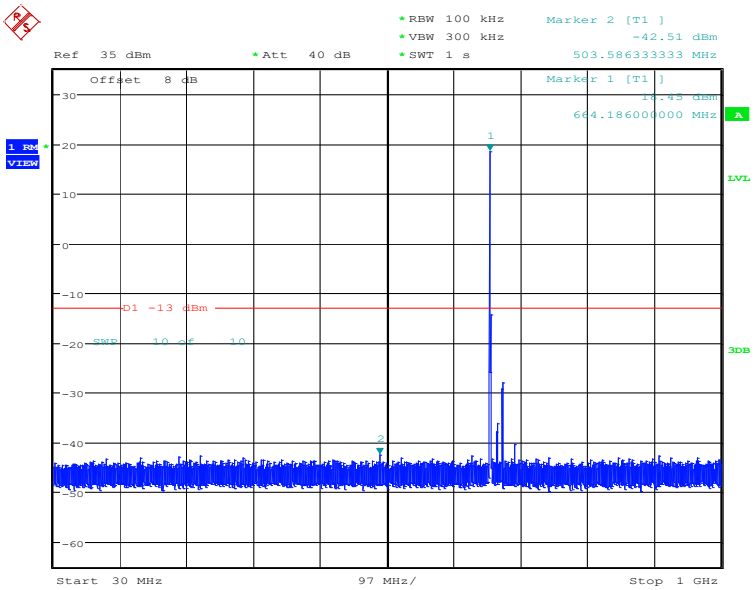
Date: 9.JUL.2021 17:06:11

Band71-20MHz-QPSK-133372-1RB#0-Range2:1000~10000MHz



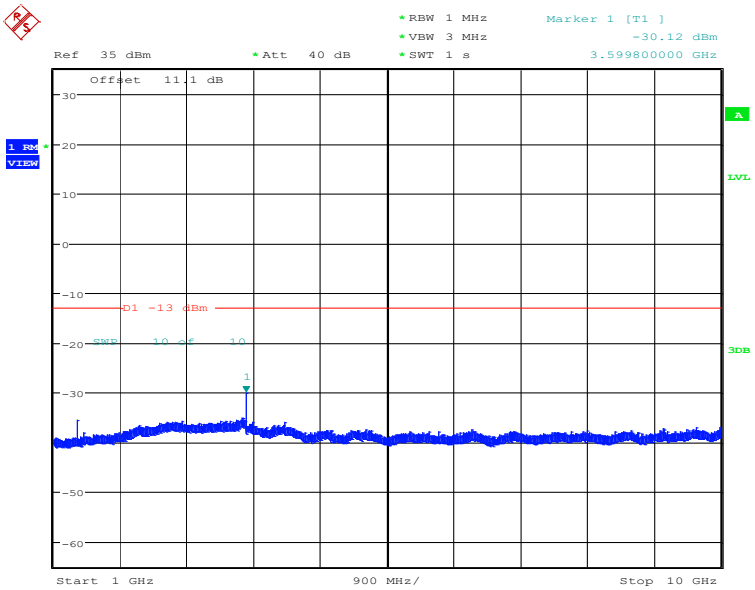
Date: 9.JUL.2021 17:06:29

Band71-20MHz-16QAM-133222-1RB#0-Range1:30~1000MHz



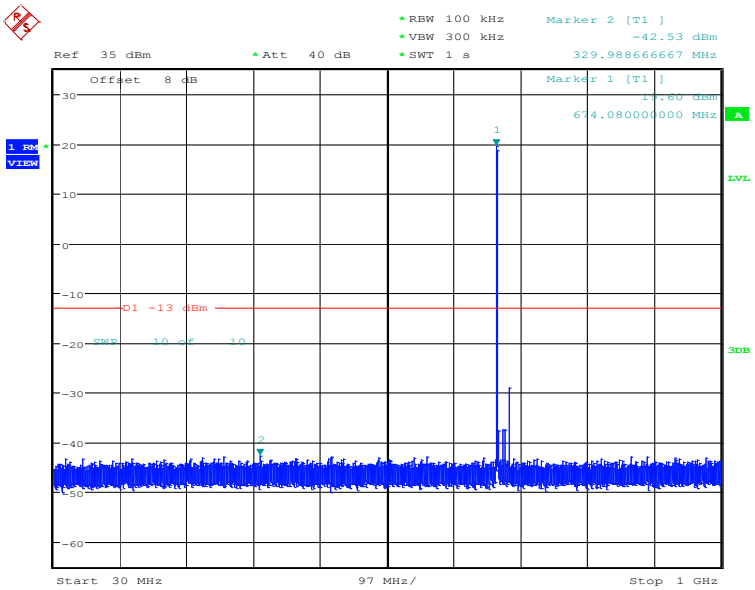
Date: 9.JUL.2021 17:04:09

Band71-20MHz-16QAM-133222-1RB#0-Range2:1000~10000MHz



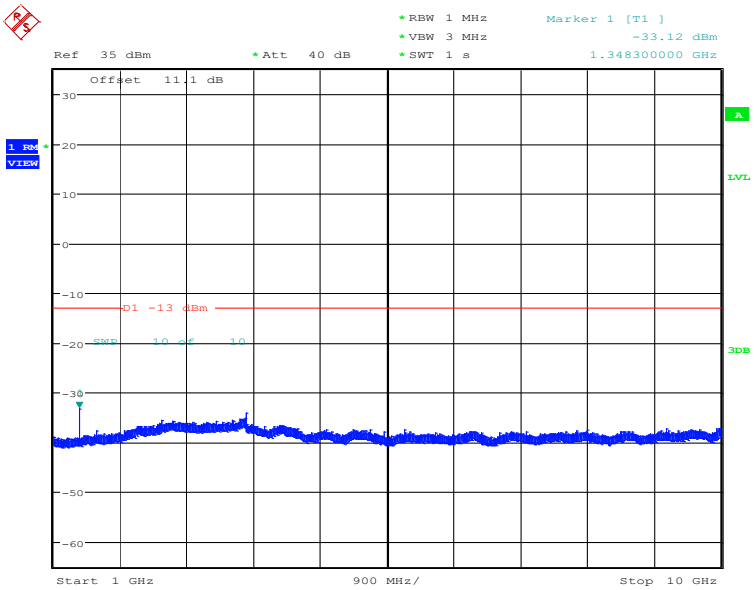
Date: 9.JUL.2021 17:04:27

Band71-20MHz-16QAM-133322-1RB#0-Range1:30~1000MHz



Date: 9.JUL.2021 17:05:30

Band71-20MHz-16QAM-133322-1RB#0-Range2:1000~10000MHz



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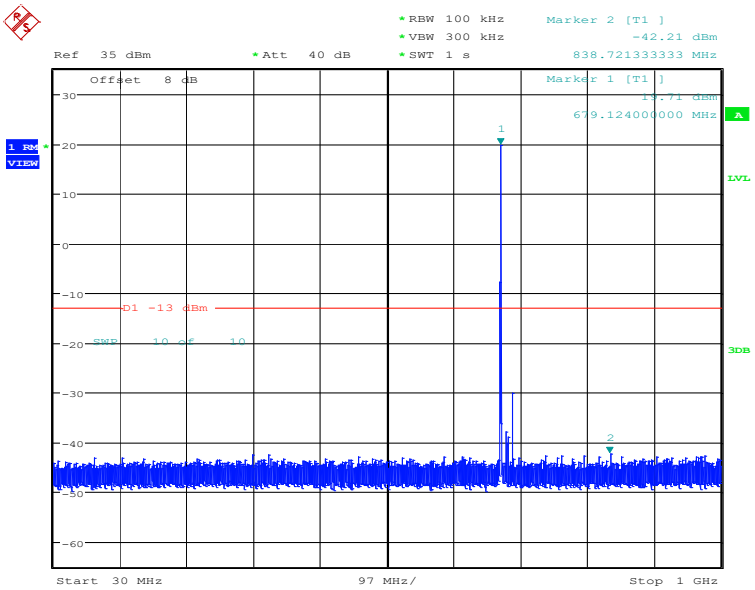
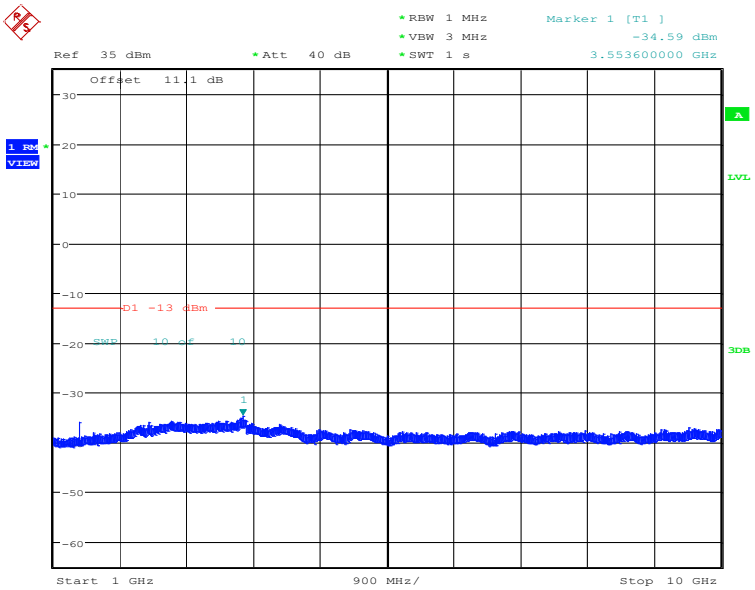
Band71-20MHz-16QAM-133372-1RB#0-Range1:30~1000MHz



Date: 9.JUL.2021 17:06:52

Band71-20MHz-16QAM-133372-1RB#0-Range2:1000~10000MHz



Date: 9.JUL.2021 17:07:10

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band71	20MHz	QPSK	133222	100RB#0	VL	NT	-2.96	-0.004398	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	VN	NT	-4.68	-0.006954	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	VH	NT	-4.11	-0.006107	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	VL	NT	-4.61	-0.006750	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	VN	NT	-3.53	-0.005168	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	VH	NT	-3.09	-0.004524	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	VL	NT	-4.21	-0.006119	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	VN	NT	-4.12	-0.005988	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	VH	NT	-2.35	-0.003416	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	VL	NT	-2.95	-0.004383	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	VN	NT	-4.05	-0.006018	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	VH	NT	-3.72	-0.005527	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	VL	NT	-2.93	-0.004290	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	VN	NT	-3.79	-0.005549	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	VH	NT	-3.29	-0.004817	±2.5	PASS
Band71	20MHz	16QAM	133372	100RB#0	VL	NT	-2.99	-0.004346	±2.5	PASS
Band71	20MHz	16QAM	133372	100RB#0	VN	NT	-2.30	-0.003343	±2.5	PASS
Band71	20MHz	16QAM	133372	100RB#0	VH	NT	-3.02	-0.004390	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band71	20MHz	QPSK	133222	100RB#0	NV	-30	-3.92	-0.005825	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	-20	-2.65	-0.003938	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	-10	-1.29	-0.001917	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	0	-3.63	-0.005394	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	10	-1.73	-0.002571	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	20	-2.72	-0.004042	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	30	2.06	0.003061	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	40	-1.63	-0.002422	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	50	-2.27	-0.003373	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	-30	-2.95	-0.004319	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	-20	-2.62	-0.003836	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	-10	-2.33	-0.003411	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	0	-4.86	-0.007116	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	10	-4.25	-0.006223	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	20	-2.57	-0.003763	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	30	-3.79	-0.005549	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	40	-3.79	-0.005549	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	50	-3.76	-0.005505	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	-30	-3.79	-0.005509	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	-20	-3.36	-0.004884	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	-10	-2.96	-0.004302	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	0	-3.79	-0.005509	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	10	-1.97	-0.002863	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	20	-3.73	-0.005422	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	30	-3.88	-0.005640	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	40	-3.05	-0.004433	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	50	-4.89	-0.007108	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	NV	-30	-1.22	-0.001813	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	NV	-20	-5.16	-0.007667	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	NV	-10	-3.38	-0.005022	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	NV	0	-4.09	-0.006077	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	NV	10	-3.29	-0.004889	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	NV	20	-3.63	-0.005394	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	NV	30	-4.68	-0.006954	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	NV	40	-5.48	-0.008143	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	NV	50	-3.32	-0.004933	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	NV	-30	-4.45	-0.006515	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	NV	-20	-4.73	-0.006925	±2.5	PASS

Band71	20MHz	16QAM	133322	100RB#0	NV	-10	-4.02	-0.005886	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	NV	0	-2.99	-0.004378	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	NV	10	-2.65	-0.003880	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	NV	20	-3.89	-0.005695	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	NV	30	-2.46	-0.003602	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	NV	40	-3.56	-0.005212	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	NV	50	-3.93	-0.005754	±2.5	PASS
Band71	20MHz	16QAM	133372	100RB#0	NV	-30	-4.73	-0.006875	±2.5	PASS
Band71	20MHz	16QAM	133372	100RB#0	NV	-20	-2.13	-0.003096	±2.5	PASS
Band71	20MHz	16QAM	133372	100RB#0	NV	-10	-3.50	-0.005087	±2.5	PASS
Band71	20MHz	16QAM	133372	100RB#0	NV	0	-3.53	-0.005131	±2.5	PASS
Band71	20MHz	16QAM	133372	100RB#0	NV	10	-3.16	-0.004593	±2.5	PASS
Band71	20MHz	16QAM	133372	100RB#0	NV	20	-2.78	-0.004041	±2.5	PASS
Band71	20MHz	16QAM	133372	100RB#0	NV	30	-3.25	-0.004724	±2.5	PASS
Band71	20MHz	16QAM	133372	100RB#0	NV	40	-3.52	-0.005116	±2.5	PASS
Band71	20MHz	16QAM	133372	100RB#0	NV	50	-3.32	-0.004826	±2.5	PASS

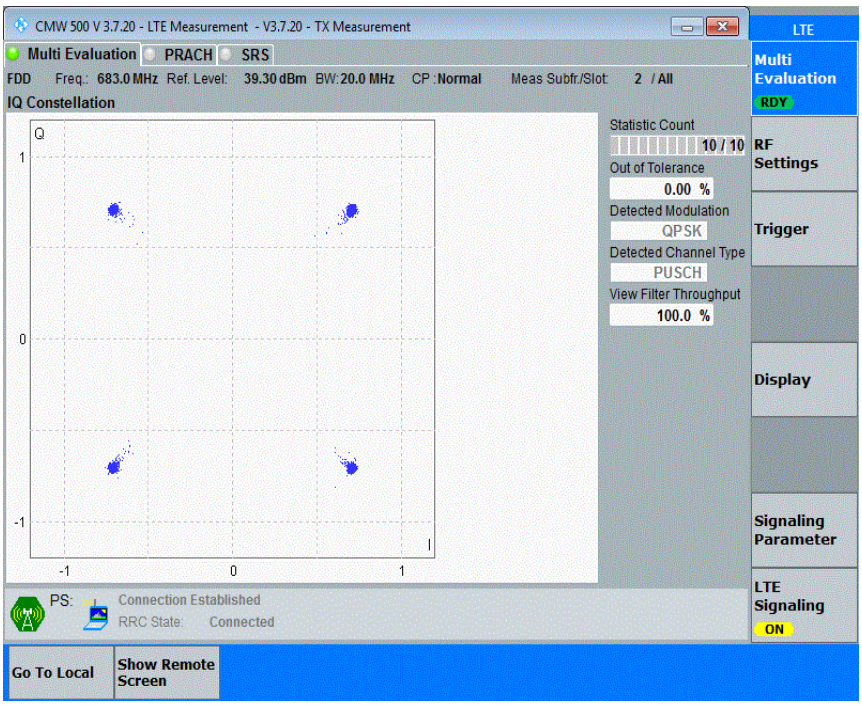
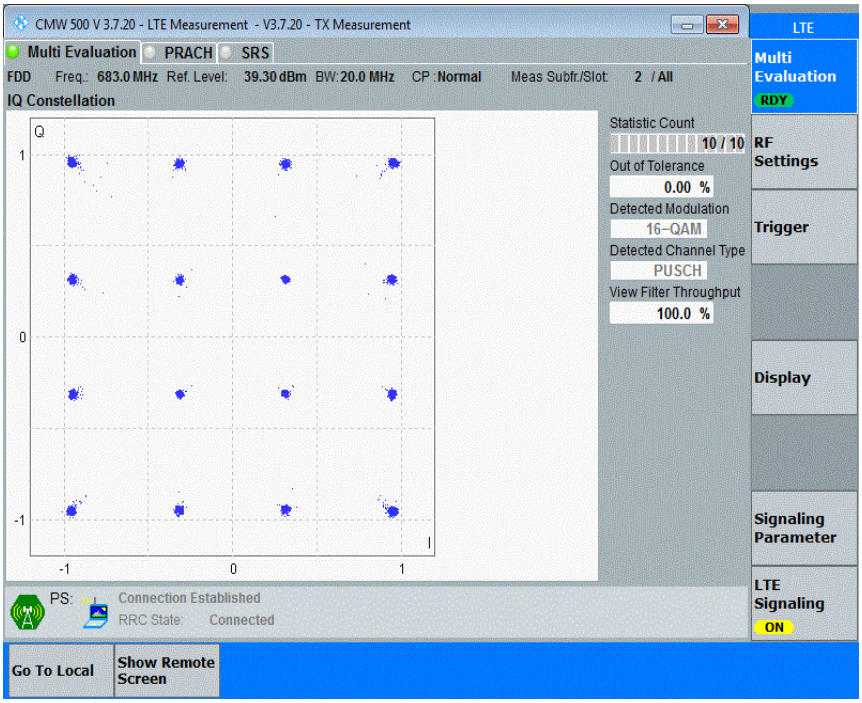
Appendix G: Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band71	20MHz	QPSK	133322	100RB#0	PASS	PASS
Band71	20MHz	16QAM	133322	100RB#0	PASS	PASS

Test Graphs

Band71-20MHz-QPSK-133322-100RB#0



Band71-20MHz-16QAM-133322-100RB#0