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Vice RF module appendix for LTE Band 41

Applicant: HONGKONG UCLOUDLINK NETWORK TECHNOLOGY LIMITED

Address: Suite 603, 6/F, Laws Commercial Plaza, 788 Cheung Sha Wan Road, Kowloon, Hong Kong

Product Name: 4G Wireless Data Terminal

Model: GLMU20A02

FCC ID: 2AC88-GLMU20A02

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1 Summary of Test Results Data and Graph

1.1. Appendix A: Conducted Power Output Data

Test Result

LTE Band 41				Actual output Power (dBm)		
Band-width	Modulation	RB allocation	RB offset	Low	Middle	High
5	QPSK	1	Low	22.10	21.91	22.22
			Middle	22.01	21.44	22.03
			High	22.05	21.46	22.11
		12	Low	20.75	21.39	20.62
			Middle	20.73	20.79	20.55
			High	20.71	20.94	20.52
		25	/	20.67	21.04	20.06
	16QAM	1	Low	21.83	21.58	21.85
			Middle	21.81	21.08	21.63
			High	21.74	21.10	21.76
		12	Low	20.13	21.12	20.11
			Middle	20.10	20.06	19.91
			High	20.04	20.50	20.03
		25	/	19.83	20.64	19.75
10	QPSK	1	Low	22.07	22.38	22.21
			Middle	21.99	22.35	22.02
			High	22.03	22.30	22.10
		25	Low	20.73	20.95	20.61
			Middle	20.71	21.00	20.54
			High	20.68	20.87	20.51
		50	/	20.65	20.61	20.05
	16QAM	1	Low	21.81	22.04	21.83
			Middle	21.78	21.98	21.62
			High	21.72	21.97	21.75
		25	Low	20.10	20.32	20.09
			Middle	20.08	20.26	19.90
			High	20.02	20.25	20.01
		50	/	19.81	20.06	19.73

15	QPSK	1	Low	22.12	22.36	22.23
			Middle	22.03	22.33	22.05
			High	22.07	22.27	22.12
		38	Low	20.77	20.93	20.63
			Middle	20.75	20.98	20.56
			High	20.72	20.85	20.53
		75	/	20.69	20.58	20.07
	16QAM	1	Low	21.85	22.02	21.86
			Middle	21.83	21.95	21.65
			High	21.76	21.94	21.77
		38	Low	20.15	20.29	20.12
			Middle	20.12	20.23	19.92
			High	20.06	20.22	20.04
		75	/	19.85	20.03	19.76
20	QPSK	1	Low	22.19	**22.43**	22.31
			Middle	22.10	22.40	22.12
			High	22.14	22.35	22.20
		50	Low	20.84	20.99	20.70
			Middle	20.82	21.05	20.64
			High	20.79	20.92	20.60
		100	/	20.76	20.65	20.14
	16QAM	1	Low	21.62	21.83	21.70
			Middle	21.60	21.77	21.49
			High	21.53	21.76	21.61
		50	Low	19.93	20.12	19.97
			Middle	19.91	20.06	19.78
			High	19.85	20.05	19.89
		100	/	19.64	19.86	19.61

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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	8.65	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	7.53	13	PASS
Band41	5MHz	QPSK	40620	1RB#0	8.37	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	16.28	13	FAIL
Band41	5MHz	QPSK	41565	1RB#0	10.26	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	8.65	13	PASS
Band41	5MHz	16QAM	39675	1RB#0	13.40	13	FAIL
Band41	5MHz	16QAM	39675	25RB#0	9.23	13	PASS
Band41	5MHz	16QAM	40620	1RB#0	10.61	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	9.74	13	PASS
Band41	5MHz	16QAM	41565	1RB#0	9.87	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	7.95	13	PASS
Band41	10MHz	QPSK	39700	1RB#0	10.10	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	7.40	13	PASS
Band41	10MHz	QPSK	40620	1RB#0	12.79	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.91	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	6.12	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	10.13	13	PASS
Band41	10MHz	16QAM	39700	1RB#0	7.63	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.81	13	PASS
Band41	10MHz	16QAM	40620	1RB#0	8.75	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	9.81	13	PASS
Band41	10MHz	16QAM	41540	1RB#0	8.69	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	10.74	13	PASS
Band41	15MHz	QPSK	39725	1RB#0	8.69	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	9.94	13	PASS
Band41	15MHz	QPSK	40620	1RB#0	8.43	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	9.49	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	8.65	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	9.62	13	PASS
Band41	15MHz	16QAM	39725	1RB#0	8.56	13	PASS
Band41	15MHz	16QAM	39725	75RB#0	10.22	13	PASS
Band41	15MHz	16QAM	40620	1RB#0	8.69	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	10.74	13	PASS

Band41	15MHz	16QAM	41515	1RB#0	8.53	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	10.71	13	PASS
Band41	20MHz	QPSK	39750	1RB#0	8.53	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	9.94	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	8.33	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	10.13	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	8.62	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	10.22	13	PASS
Band41	20MHz	16QAM	39750	1RB#0	8.59	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	10.99	13	PASS
Band41	20MHz	16QAM	40620	1RB#0	8.37	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	10.74	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	8.43	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	10.61	13	PASS

Test Graphs

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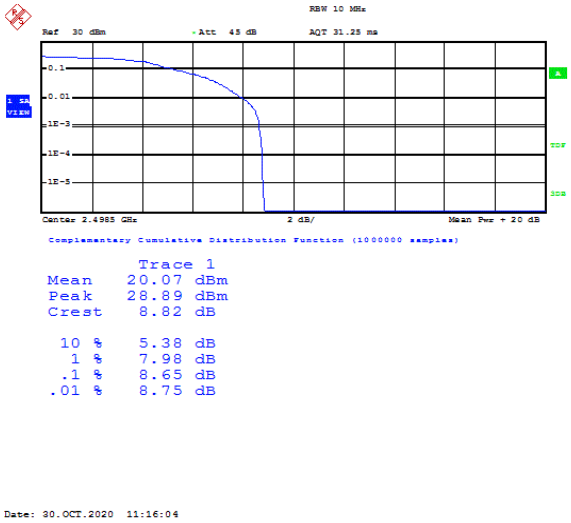

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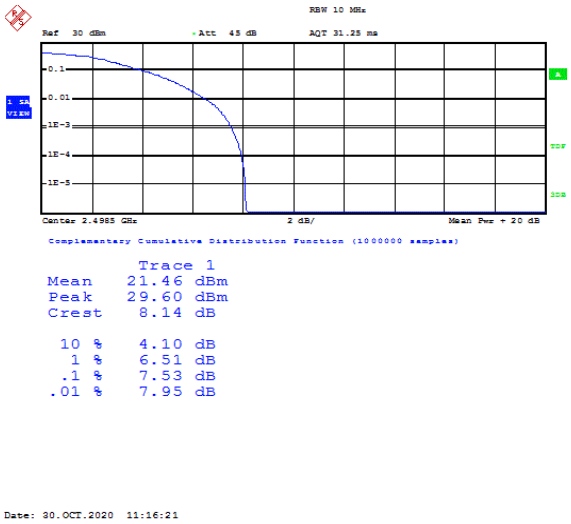

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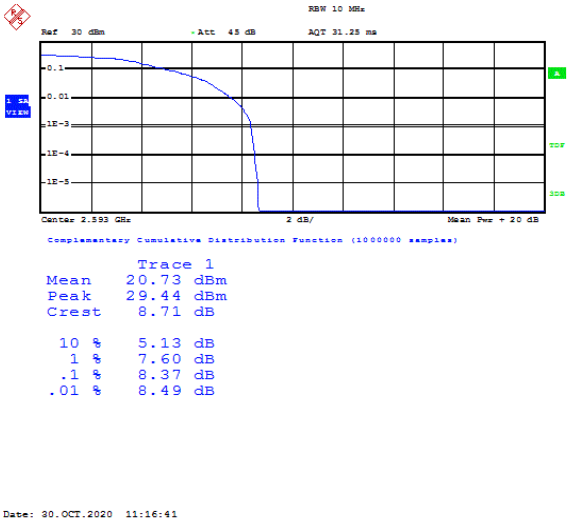

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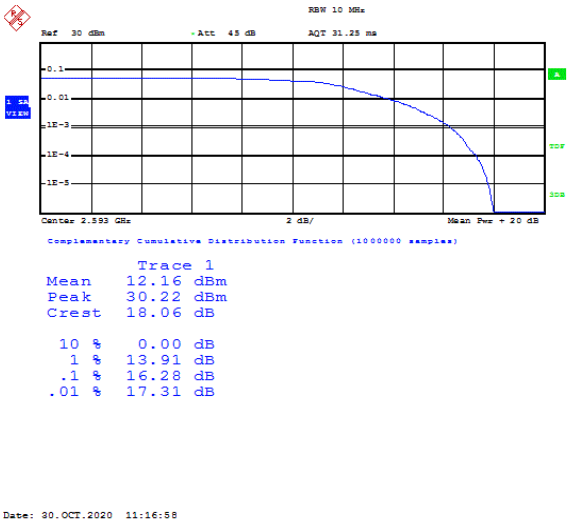

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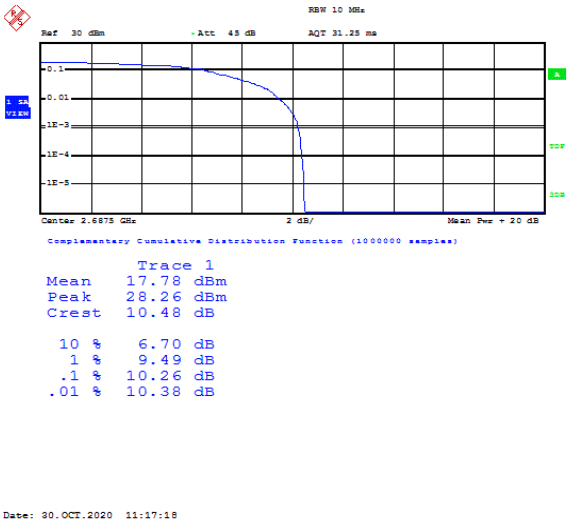

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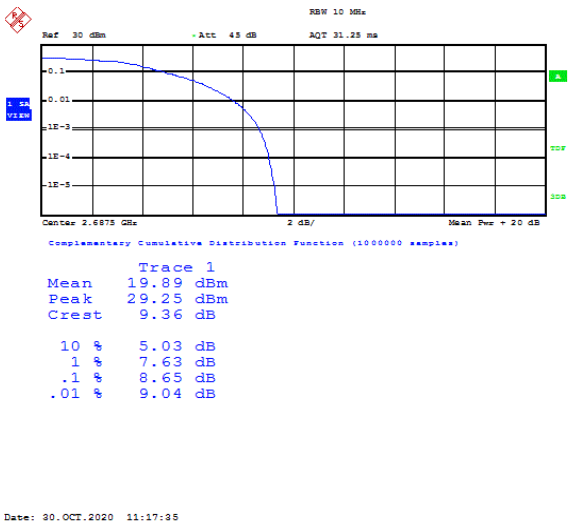

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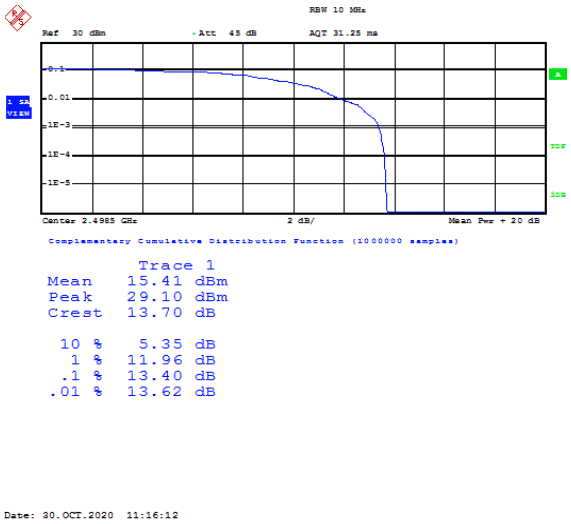

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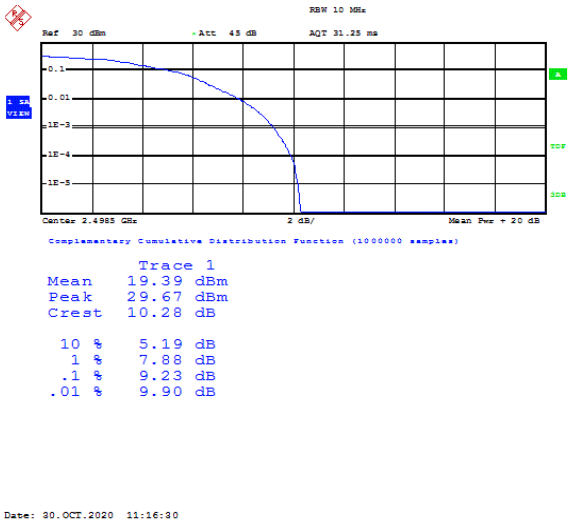

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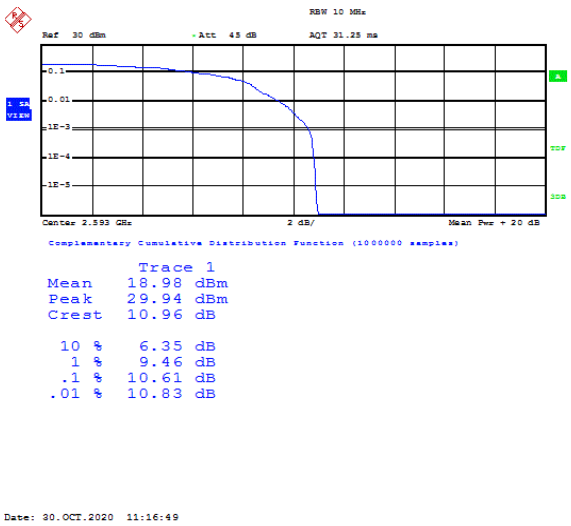

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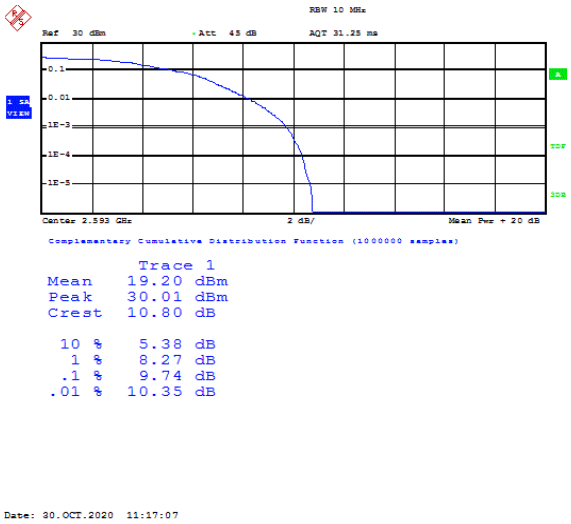

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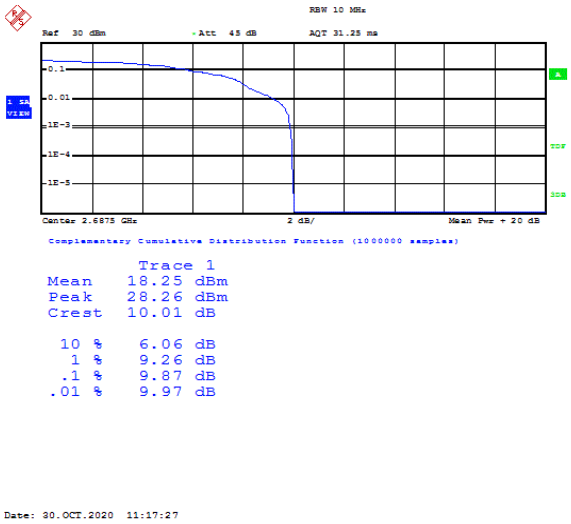

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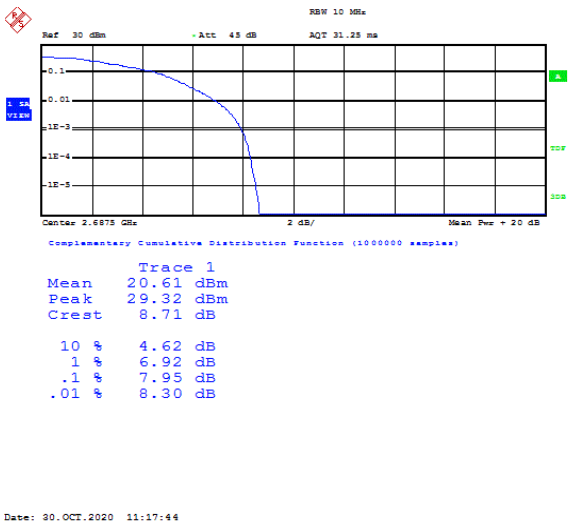

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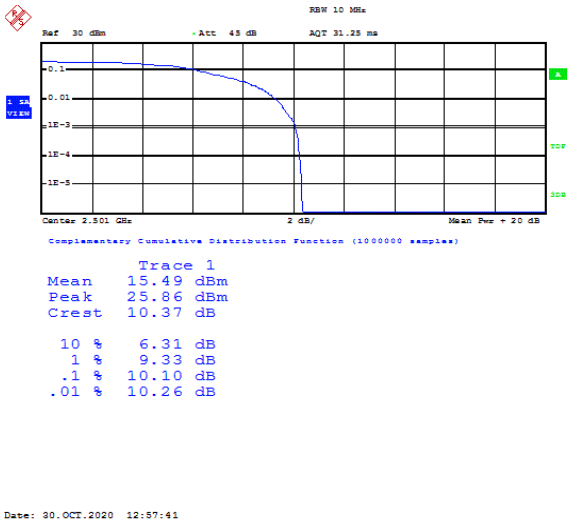

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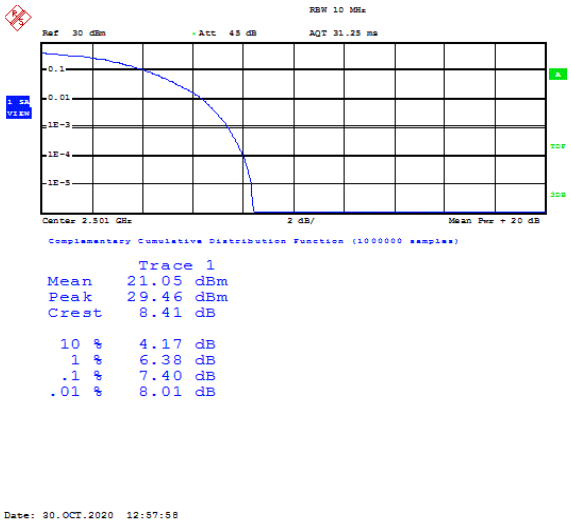

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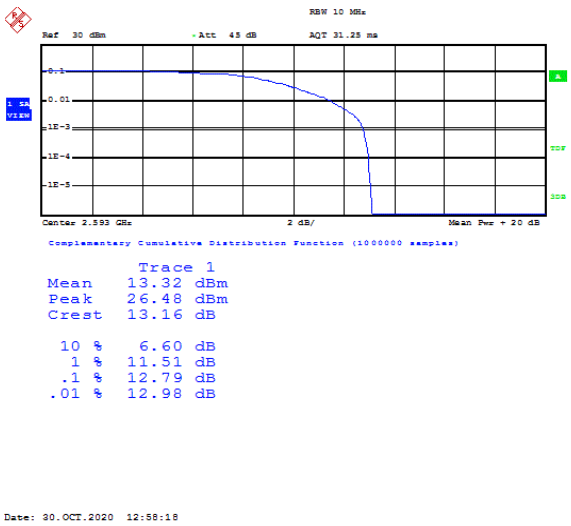

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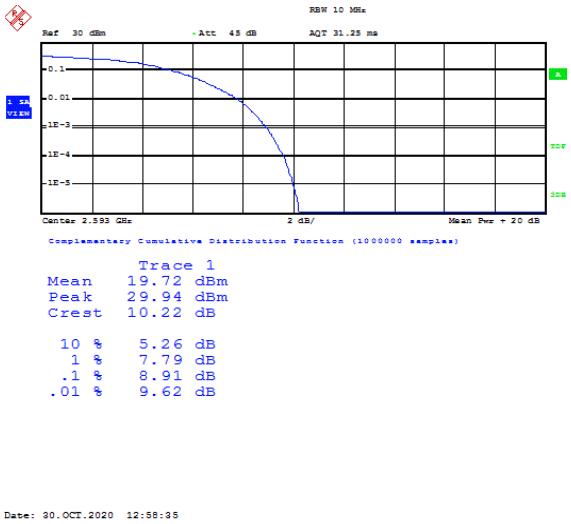

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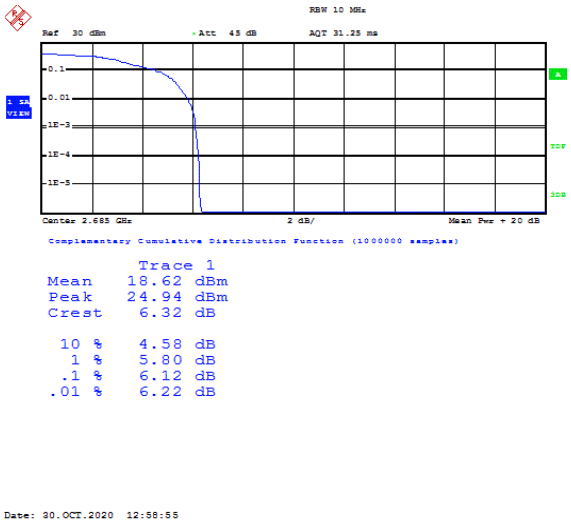

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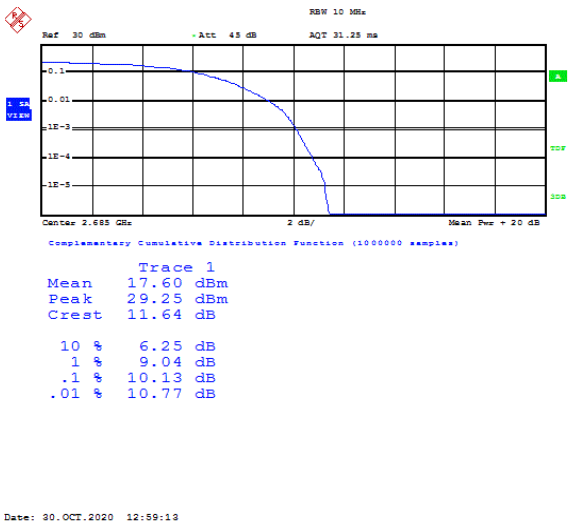

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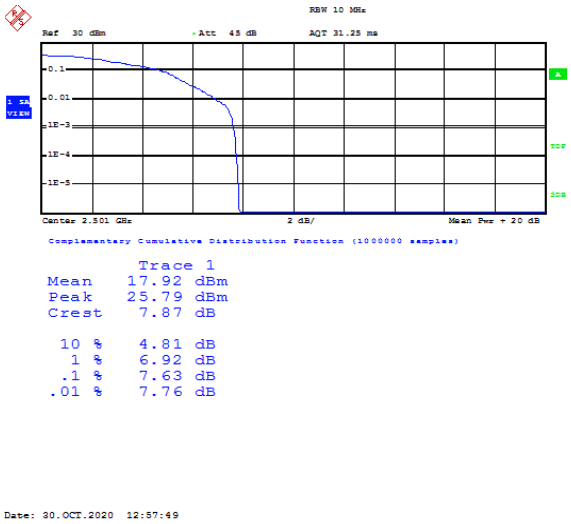

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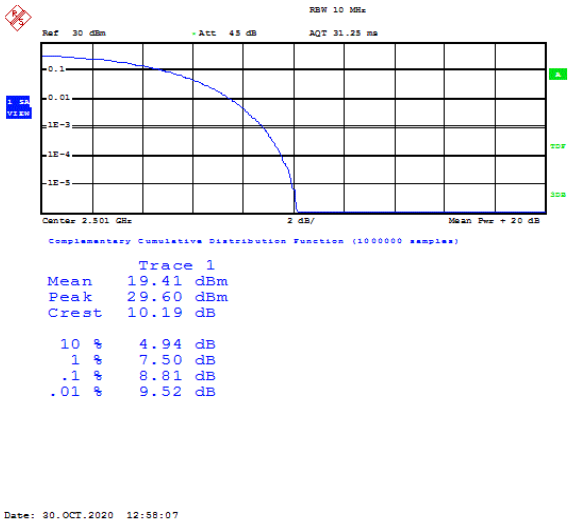

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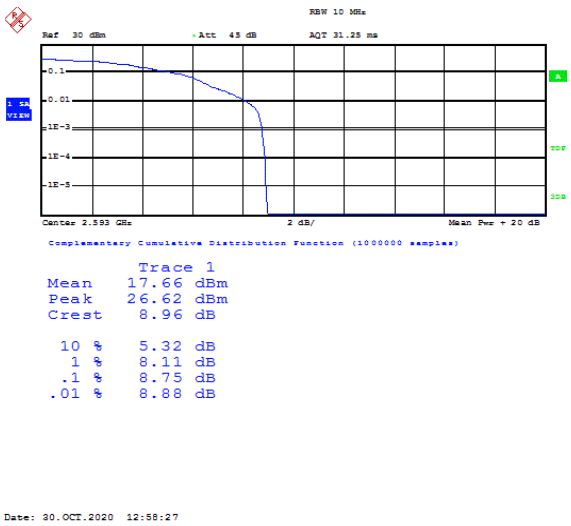

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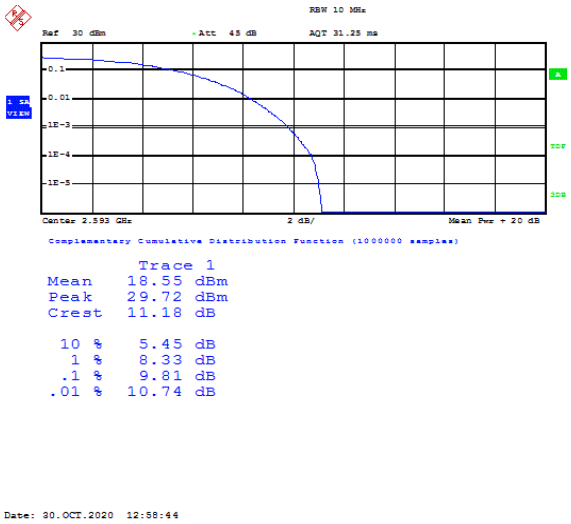

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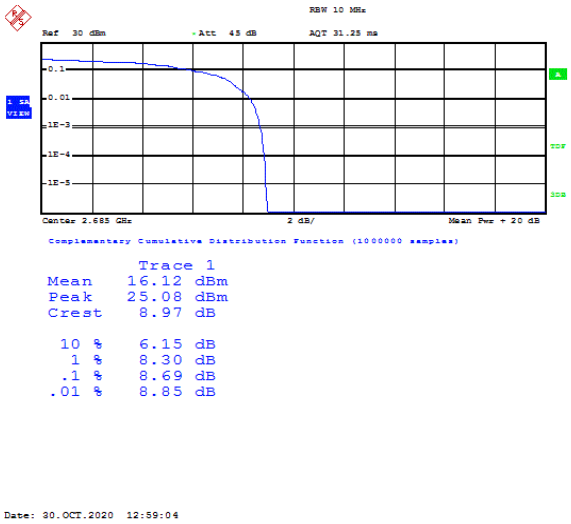

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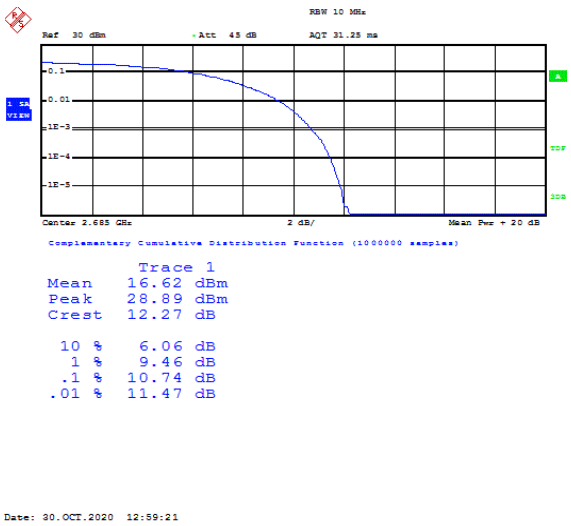

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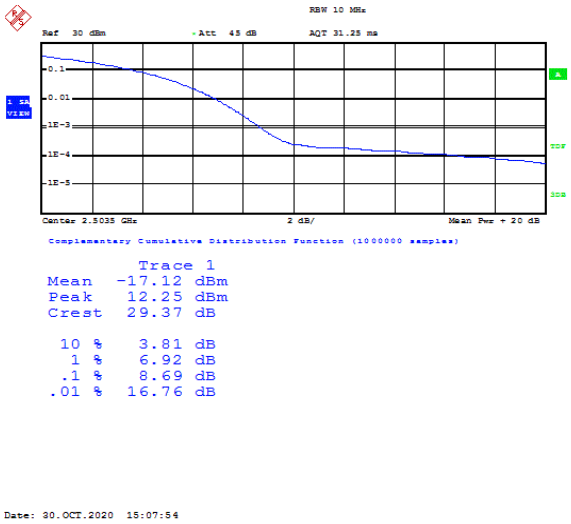

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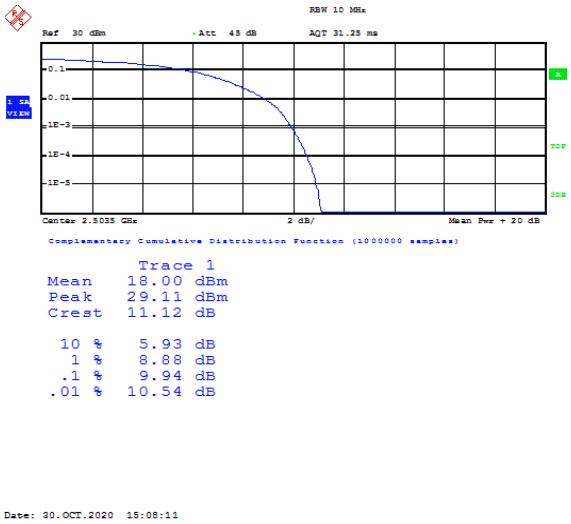

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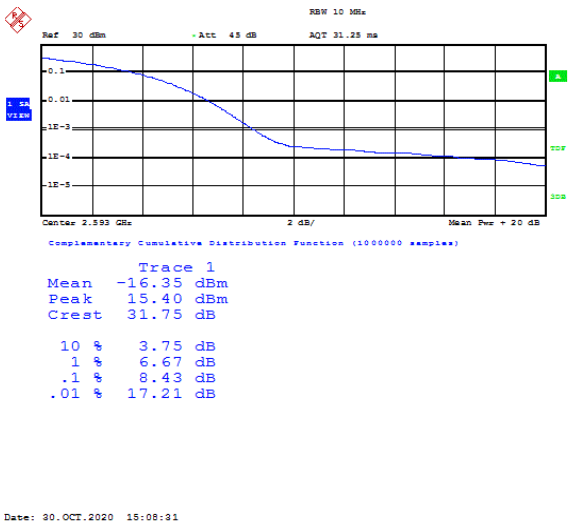

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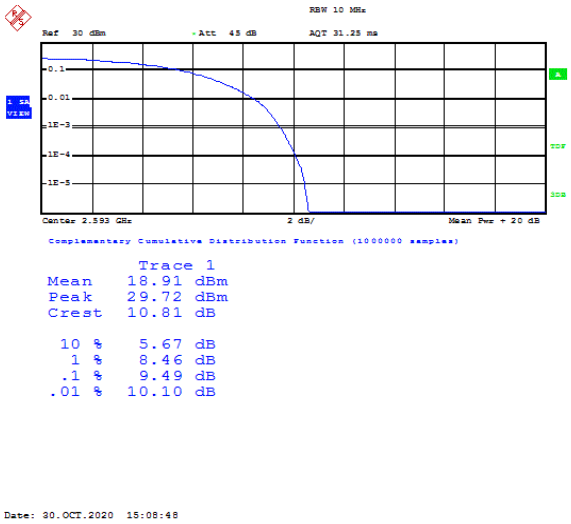

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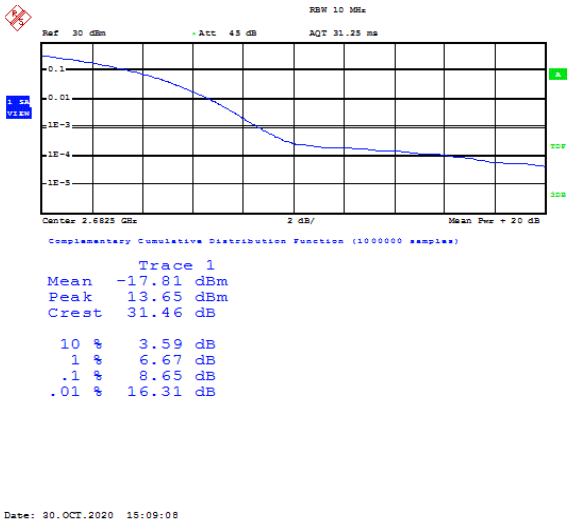

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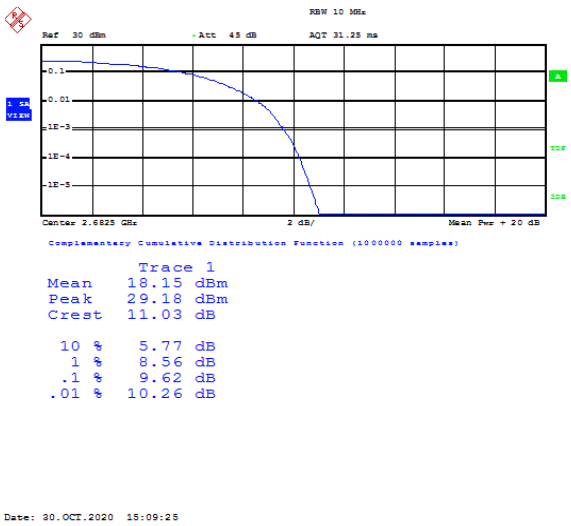

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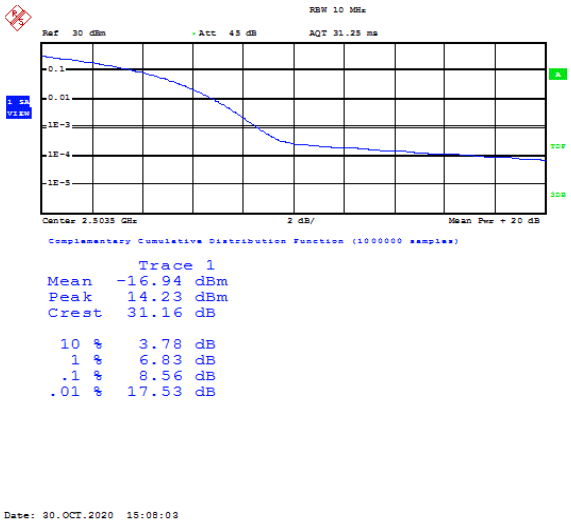

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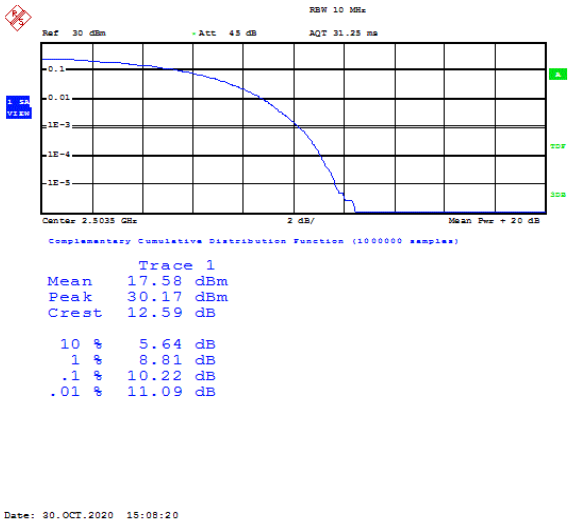

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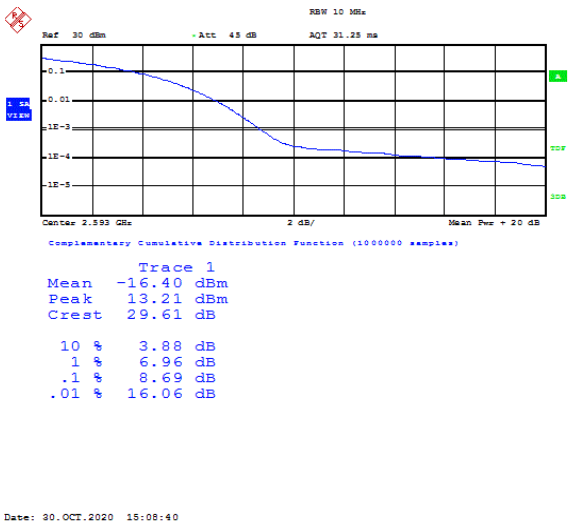

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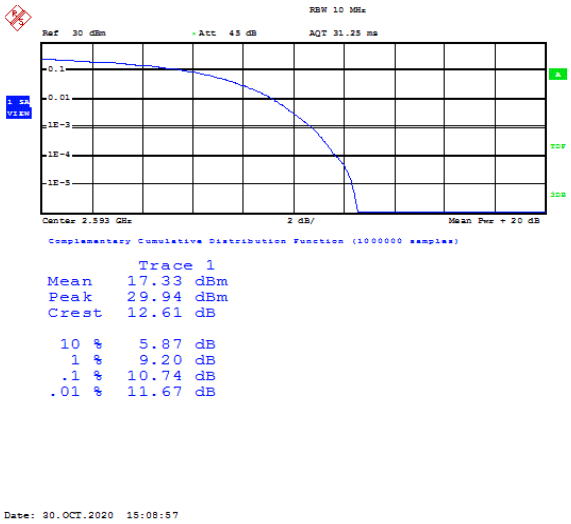

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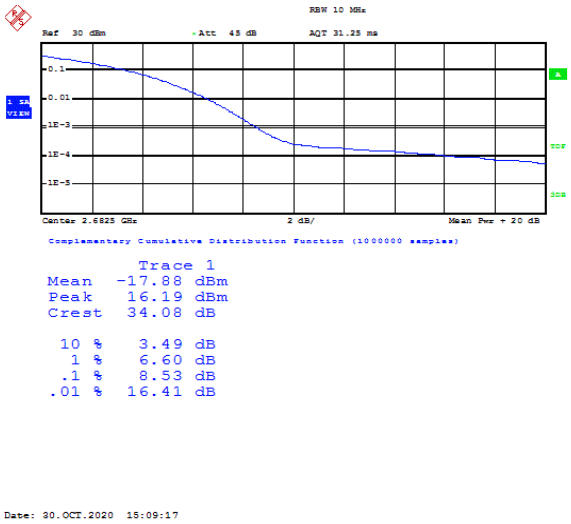

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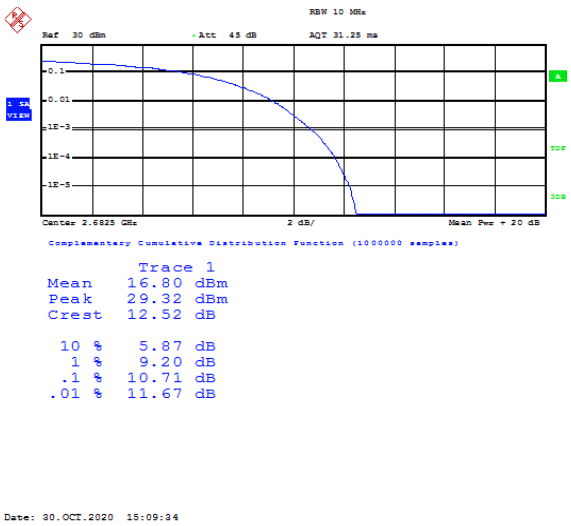
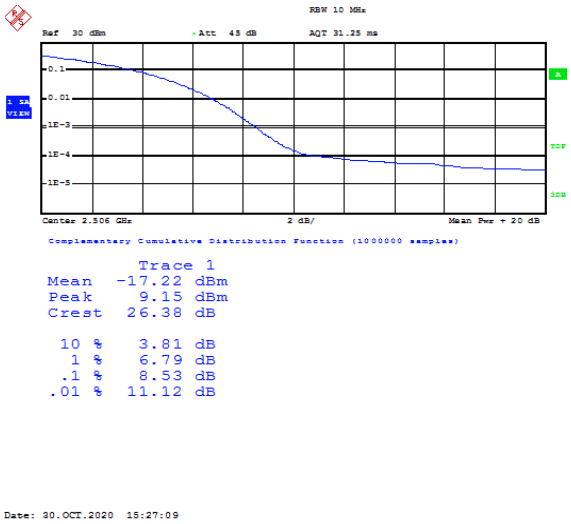
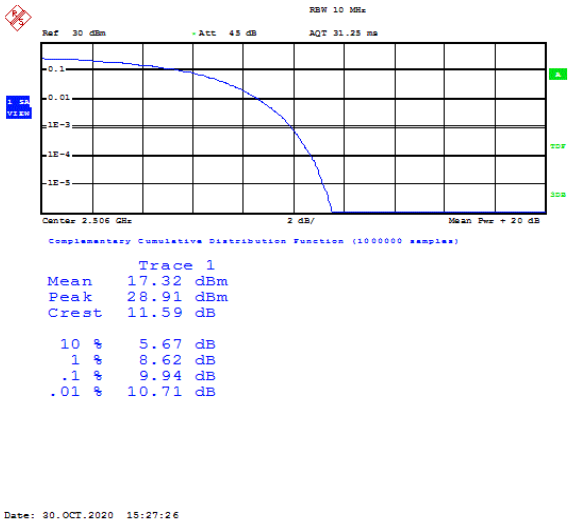


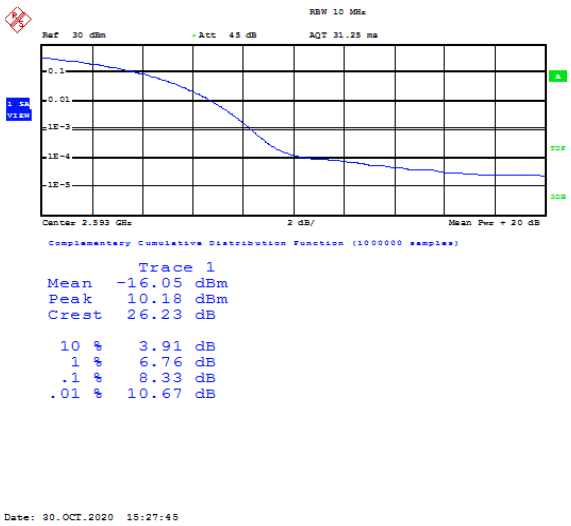
Band41-20MHz-QPSK-39750-1RB#0



Band41-20MHz-QPSK-39750-100RB#0



Band41-20MHz-QPSK-40620-1RB#0



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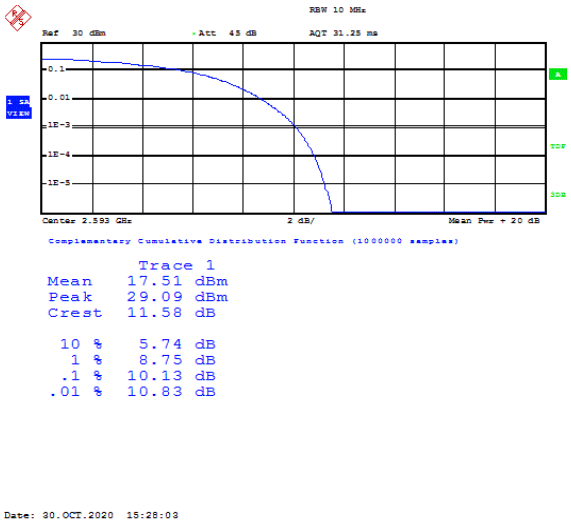

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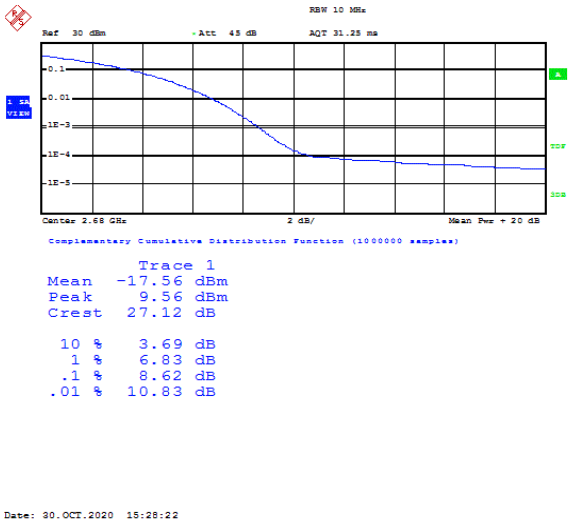

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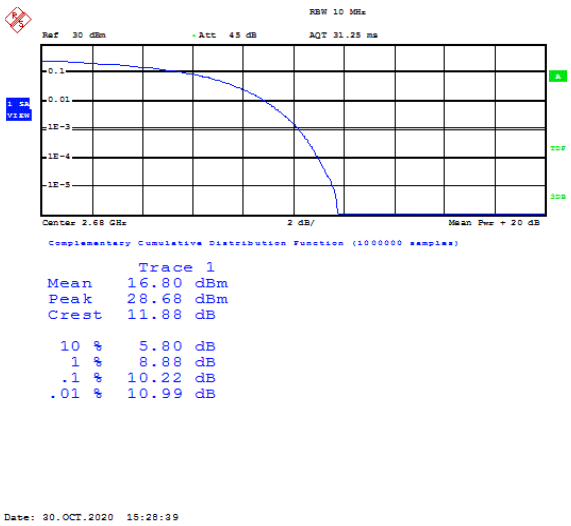

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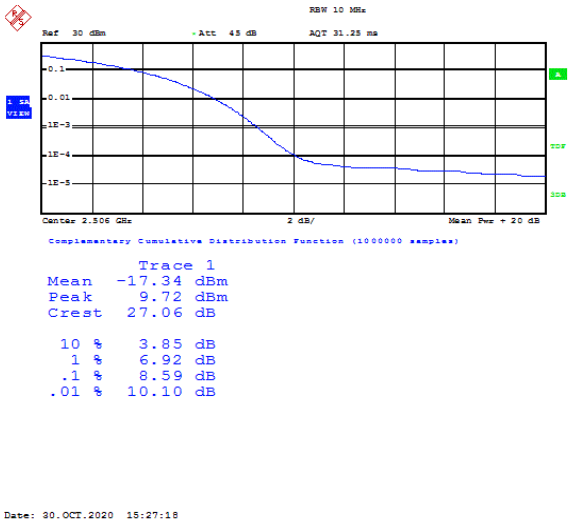

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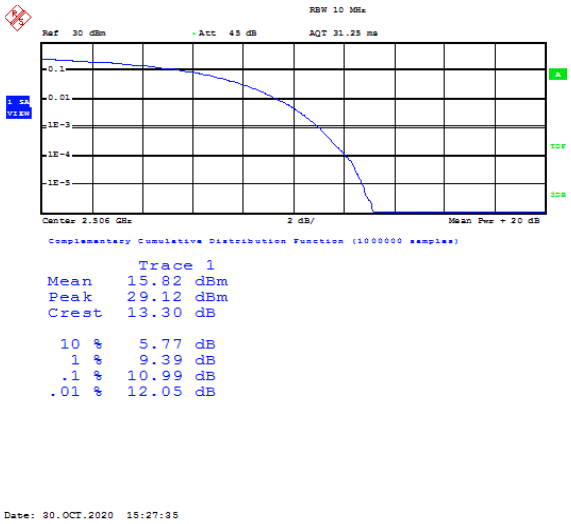

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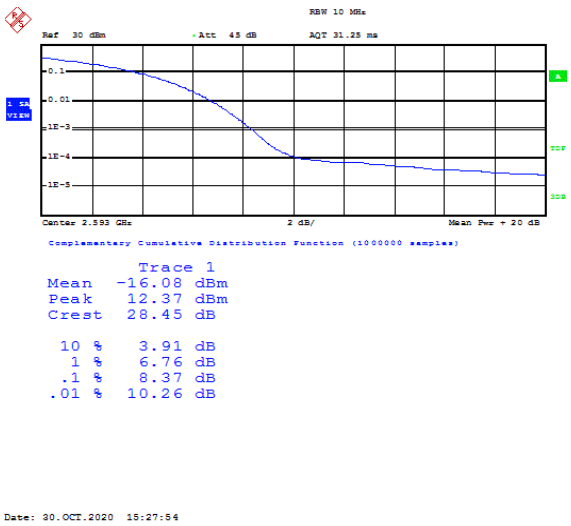

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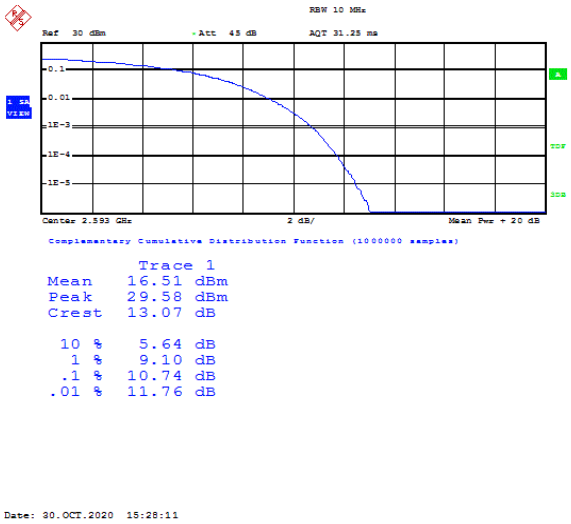

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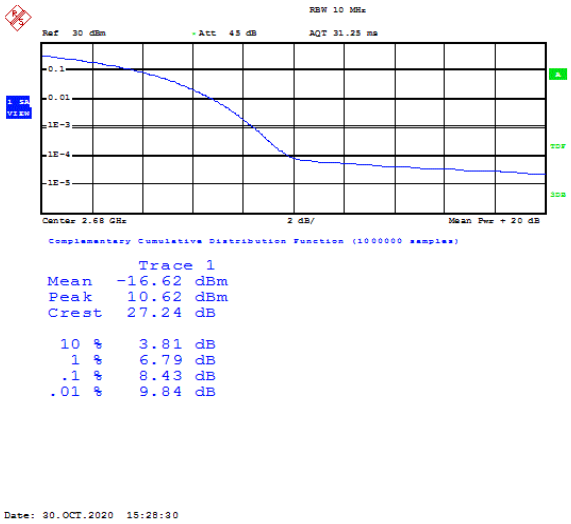
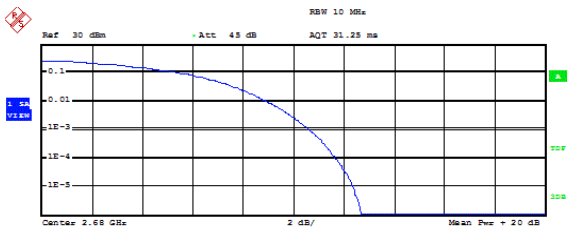


Band41-20MHz-16QAM-41490-100RB#0



Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	16.23 dBm
Peak	28.96 dBm
Crest	12.73 dB
10 %	5.54 dB
1 %	8.94 dB
.1 %	10.61 dB
.01 %	11.67 dB

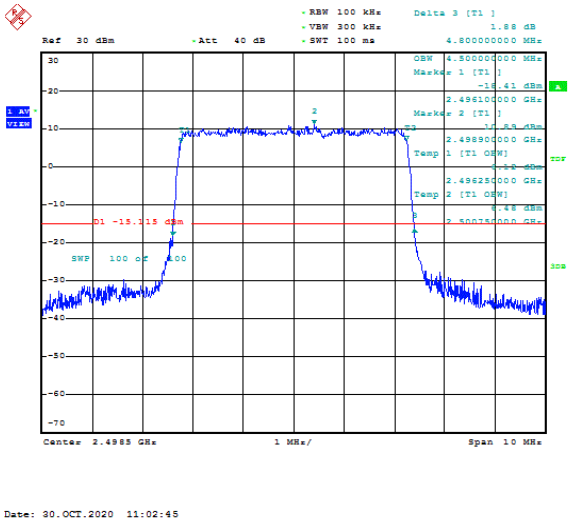
Date: 30.OCT.2020 15:28:48

1.3. Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.5	4.800	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.51	4.780	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.51	4.770	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.5	4.780	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.5	4.790	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.5	4.780	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.967	9.633	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.967	9.667	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.967	9.633	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.967	9.633	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.967	9.667	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.967	9.633	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.558	15.288	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.45	14.500	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.45	14.550	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.45	14.500	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.45	14.450	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.5	14.500	PASS
Band41	20MHz	QPSK	39750	100RB#0	18.077	19.551	PASS
Band41	20MHz	QPSK	40620	100RB#0	18	19.667	PASS
Band41	20MHz	QPSK	41490	100RB#0	18	19.600	PASS
Band41	20MHz	16QAM	39750	100RB#0	18	19.533	PASS
Band41	20MHz	16QAM	40620	100RB#0	18	19.667	PASS
Band41	20MHz	16QAM	41490	100RB#0	18	19.600	PASS

Test Graphs

Band41-5MHz-QPSK-39675-25RB#0-4.5


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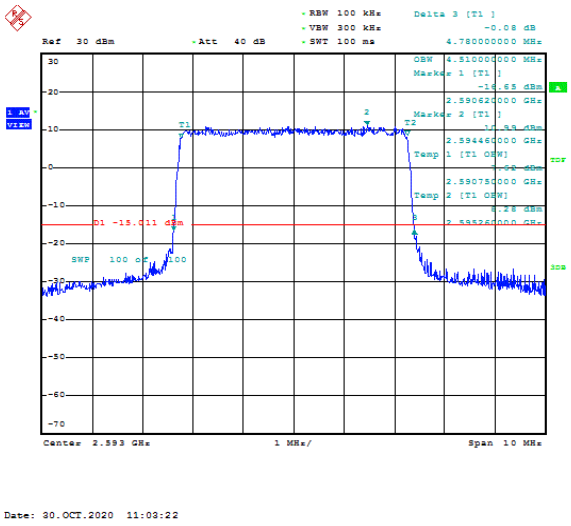
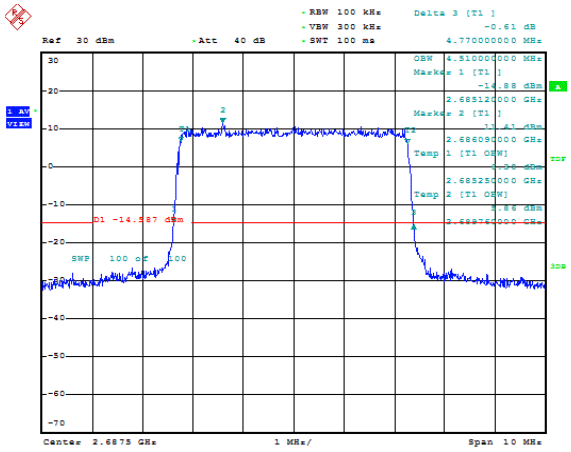
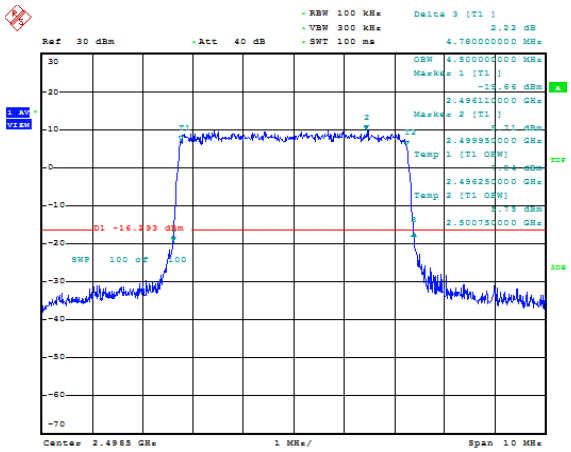


Band41-5MHz-QPSK-41565-25RB#0-4.51



Date: 30.OCT.2020 11:03:58

Band41-5MHz-16QAM-39675-25RB#0-4.5



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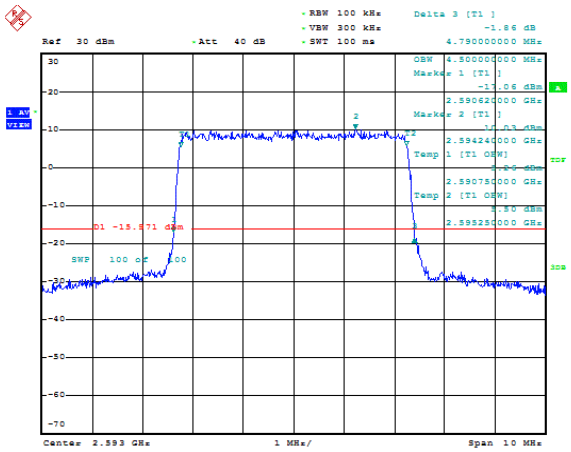

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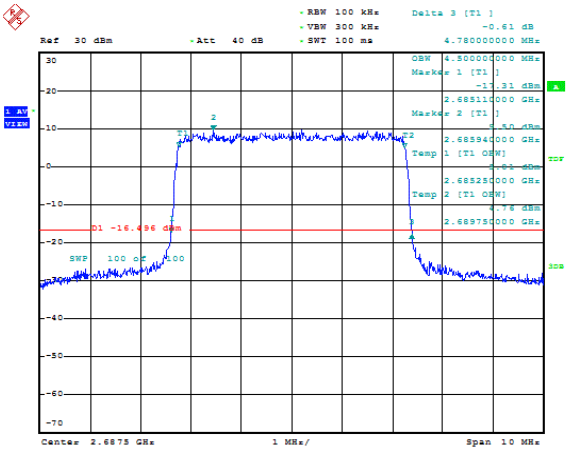

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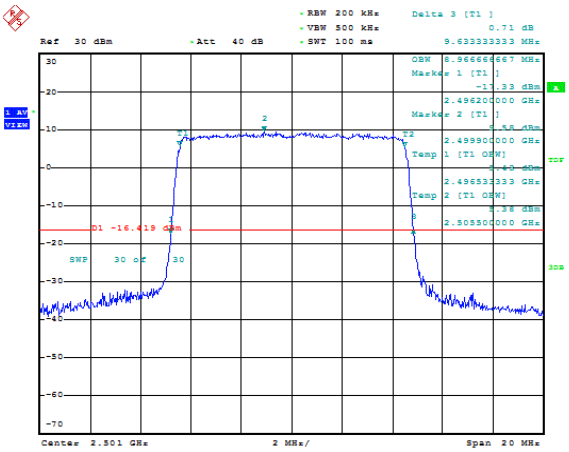

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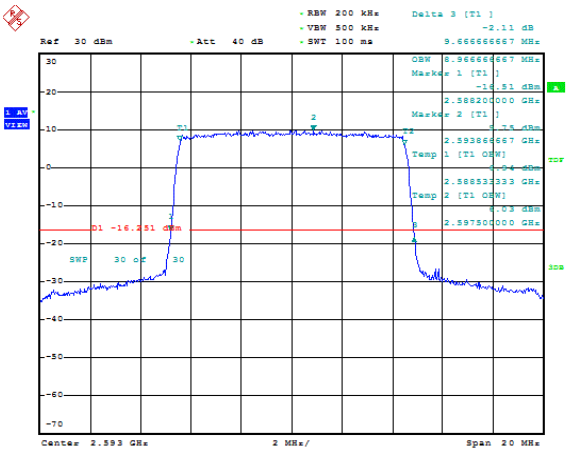

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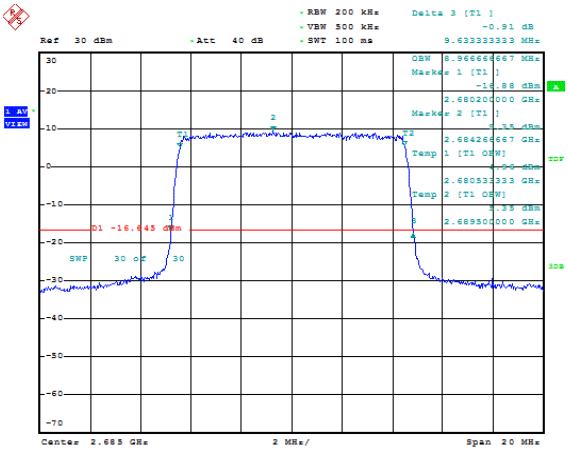
Band41-10MHz-QPSK-41540-50RB#0-8.967



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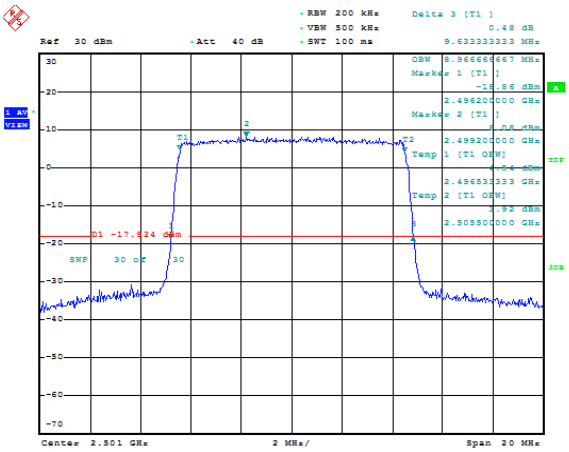

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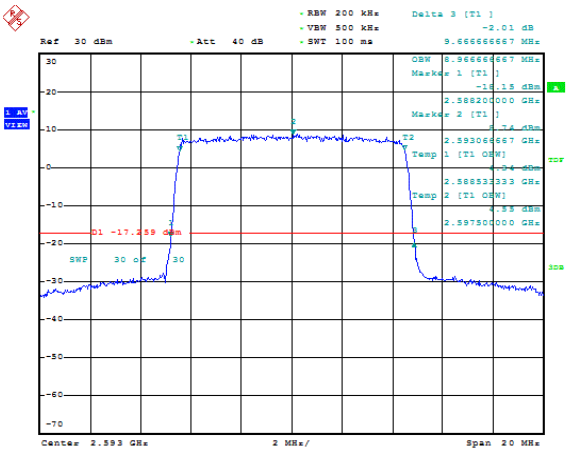
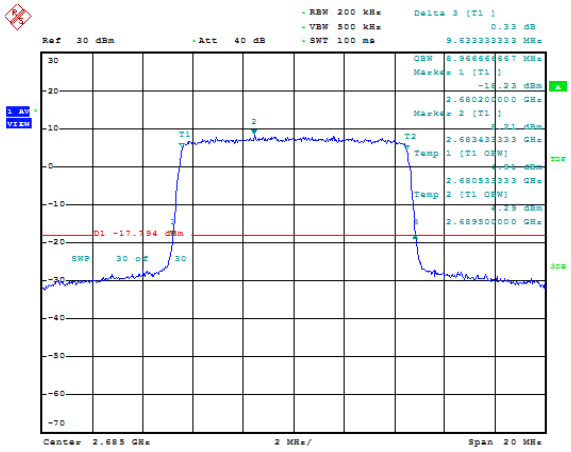


Band41-10MHz-16QAM-41540-50RB#0-8.967



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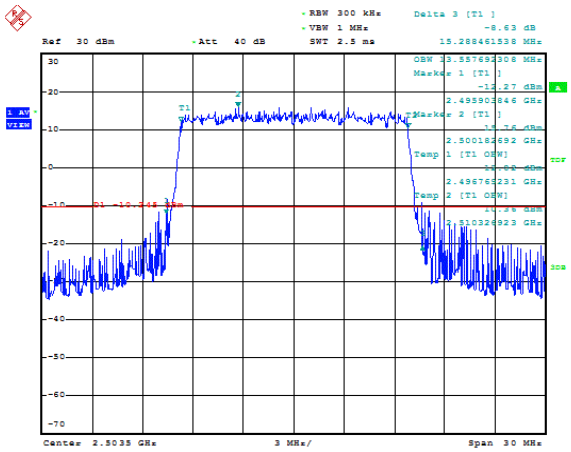
Band41-15MHz-QPSK-39725-75RB#0-13.558



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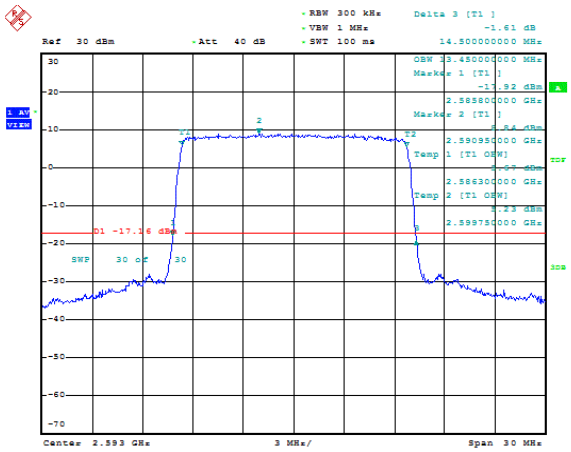
Band41-15MHz-QPSK-40620-75RB#0-13.45



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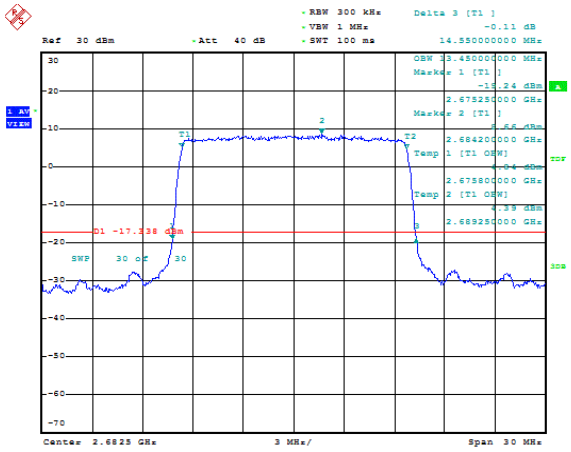
Band41-15MHz-QPSK-41515-75RB#0-13.45



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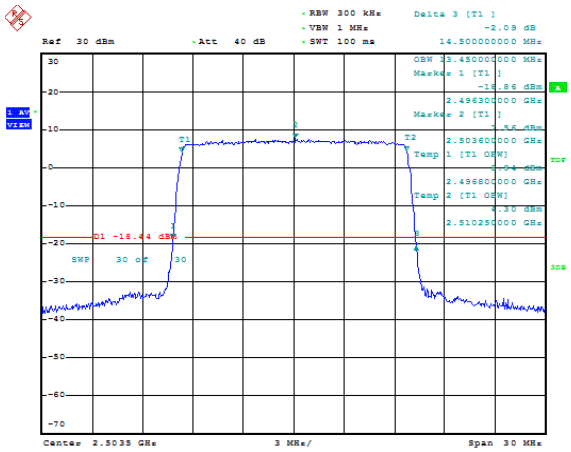
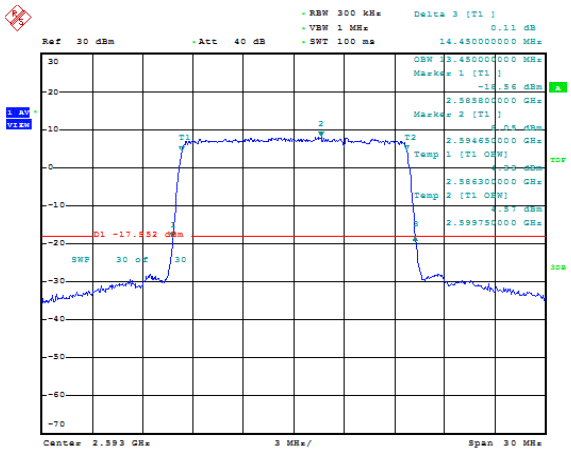
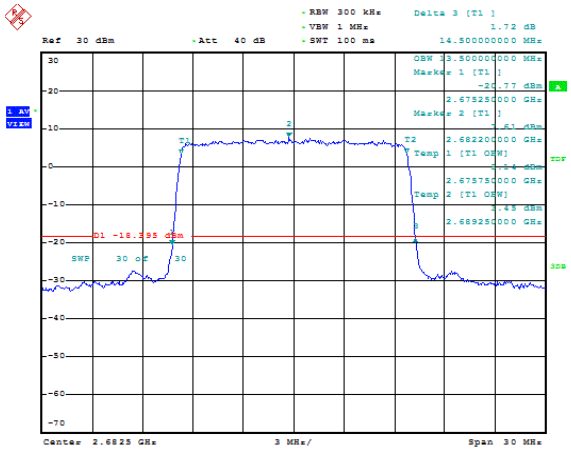


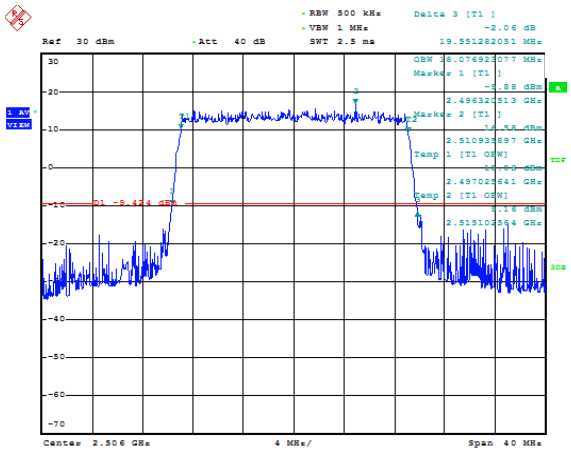
Band41-15MHz-16QAM-40620-75RB#0-13.45



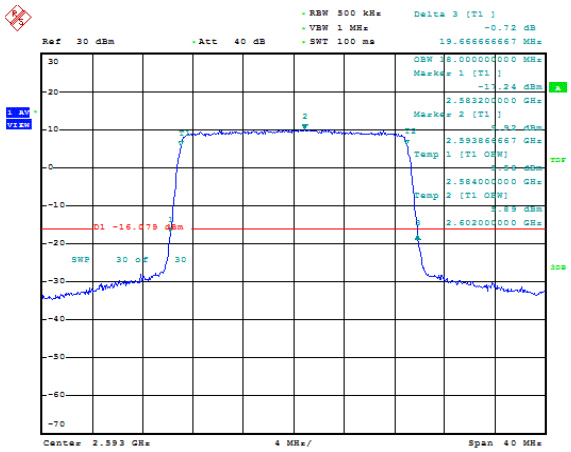
Band41-15MHz-16QAM-41515-75RB#0-13.5



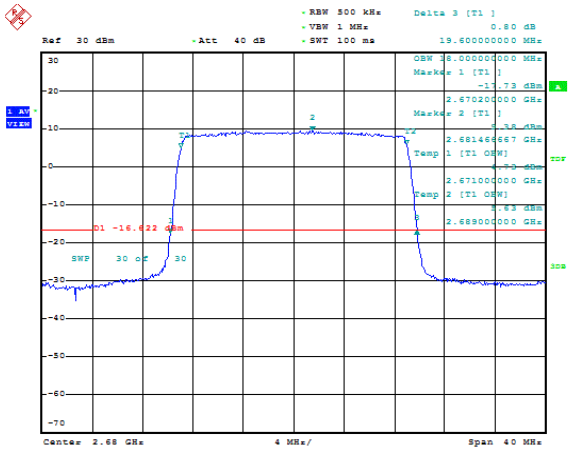
Band41-20MHz-QPSK-39750-100RB#0-18.077



Band41-20MHz-QPSK-40620-100RB#0-18



Band41-20MHz-QPSK-41490-100RB#0-18



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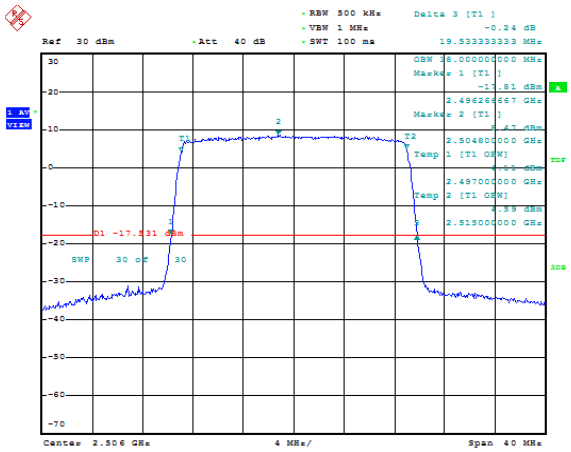

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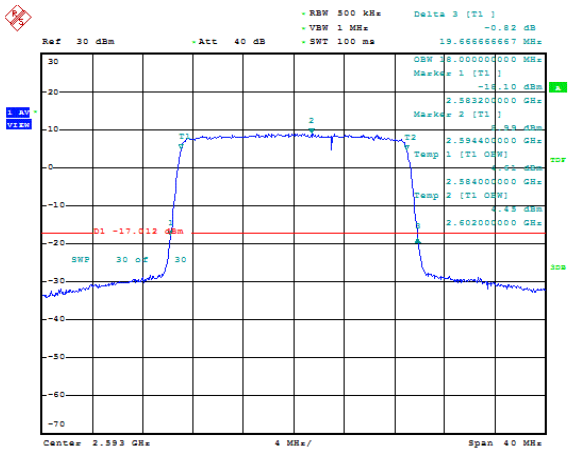

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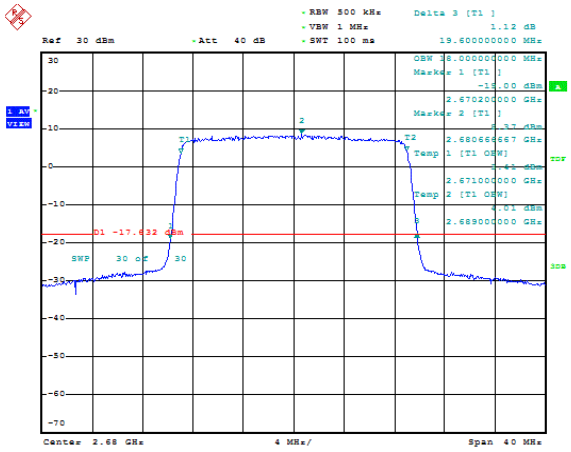


Date: 30.OCT.2020 15:16:16

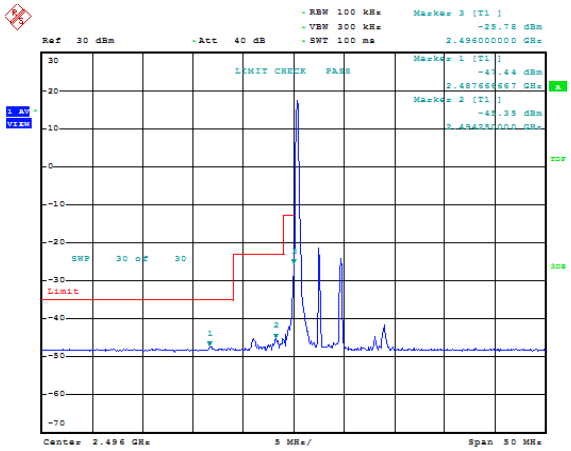
1.4. Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	-47.44,-45.35,-25.78	PASS
Band41	5MHz	QPSK	39675	1RB#24	-47.93,-41.52,-47.41	PASS
Band41	5MHz	QPSK	39675	25RB#0	-45.11,-40.66,-32.42	PASS
Band41	5MHz	QPSK	41565	1RB#0	-47.51,-37.92,-47.53,-47.58	PASS
Band41	5MHz	QPSK	41565	1RB#24	-22.82,-44.57,-47.40,-46.26	PASS
Band41	5MHz	QPSK	41565	25RB#0	-29.69,-35.39,-40.75,-42.22	PASS
Band41	5MHz	16QAM	39675	1RB#0	-47.52,-45.24,-23.59	PASS
Band41	5MHz	16QAM	39675	1RB#24	-47.98,-44.72,-47.89	PASS
Band41	5MHz	16QAM	39675	25RB#0	-44.09,-37.25,-37.44	PASS
Band41	5MHz	16QAM	41565	1RB#0	-47.43,-40.95,-46.82,-47.58	PASS
Band41	5MHz	16QAM	41565	1RB#24	-24.40,-43.82,-47.49,-47.16	PASS
Band41	5MHz	16QAM	41565	25RB#0	-31.80,-33.64,-40.83,-41.87	PASS
Band41	10MHz	QPSK	39700	1RB#0	-44.32,-43.55,-22.48	PASS
Band41	10MHz	QPSK	39700	1RB#49	-45.99,-40.85,-46.33	PASS
Band41	10MHz	QPSK	39700	50RB#0	-44.69,-39.27,-33.59	PASS
Band41	10MHz	QPSK	41540	1RB#0	-46.22,-43.35,-44.18,-45.83	PASS
Band41	10MHz	QPSK	41540	1RB#49	-16.84,-42.95,-43.01,-46.51	PASS
Band41	10MHz	QPSK	41540	50RB#0	-30.37,-34.63,-35.59,-40.25	PASS
Band41	10MHz	16QAM	39700	1RB#0	-46.22,-44.46,-22.32	PASS
Band41	10MHz	16QAM	39700	1RB#49	-45.88,-41.60,-46.40	PASS
Band41	10MHz	16QAM	39700	50RB#0	-44.40,-38.22,-34.63	PASS
Band41	10MHz	16QAM	41540	1RB#0	-46.21,-44.11,-43.91,-46.19	PASS
Band41	10MHz	16QAM	41540	1RB#49	-17.67,-42.77,-43.04,-46.52	PASS
Band41	10MHz	16QAM	41540	50RB#0	-29.66,-33.07,-35.83,-40.99	PASS
Band41	15MHz	QPSK	39725	1RB#0	-46.30,-42.14,-17.98	PASS
Band41	15MHz	QPSK	39725	1RB#74	-46.27,-41.66,-45.90	PASS
Band41	15MHz	QPSK	39725	75RB#0	-44.72,-37.05,-32.75	PASS
Band41	15MHz	QPSK	41515	1RB#0	-45.53,-45.79,-41.55,-45.31	PASS
Band41	15MHz	QPSK	41515	1RB#74	-14.26,-42.66,-40.63,-45.79	PASS
Band41	15MHz	QPSK	41515	75RB#0	-28.70,-31.70,-32.20,-36.99	PASS
Band41	15MHz	16QAM	39725	1RB#0	-46.38,-42.39,-19.62	PASS
Band41	15MHz	16QAM	39725	1RB#74	-46.16,-41.99,-45.82	PASS
Band41	15MHz	16QAM	39725	75RB#0	-44.12,-35.96,-35.19	PASS

Band41	15MHz	16QAM	41515	1RB#0	-45.50,-45.63,-41.95,-44.94	PASS
Band41	15MHz	16QAM	41515	1RB#74	-14.91,-42.54,-41.05,-45.55	PASS
Band41	15MHz	16QAM	41515	75RB#0	-30.41,-31.97,-34.64,-39.26	PASS
Band41	20MHz	QPSK	39750	1RB#0	-53.44,-41.96,-16.36	PASS
Band41	20MHz	QPSK	39750	1RB#99	-53.73,-49.03,-50.22	PASS
Band41	20MHz	QPSK	39750	100RB#0	-44.59,-36.68,-29.75	PASS
Band41	20MHz	QPSK	41490	1RB#0	-52.10,-52.82,-43.84,-52.64	PASS
Band41	20MHz	QPSK	41490	1RB#99	-13.05,-37.19,-44.00,-52.79	PASS
Band41	20MHz	QPSK	41490	100RB#0	-26.47,-33.28,-33.22,-38.56	PASS
Band41	20MHz	16QAM	39750	1RB#0	-53.78,-42.43,-16.54	PASS
Band41	20MHz	16QAM	39750	1RB#99	-53.61,-49.58,-50.06	PASS
Band41	20MHz	16QAM	39750	100RB#0	-44.63,-36.57,-29.48	PASS
Band41	20MHz	16QAM	41490	1RB#0	-52.39,-52.63,-45.36,-51.95	PASS
Band41	20MHz	16QAM	41490	1RB#99	-14.19,-37.65,-44.47,-52.16	PASS
Band41	20MHz	16QAM	41490	100RB#0	-27.35,-32.29,-33.84,-39.51	PASS

Test Graphs

Band41-5MHz-QPSK-39675-1RB#0
 Date: 30.OCT.2020 11:04:33
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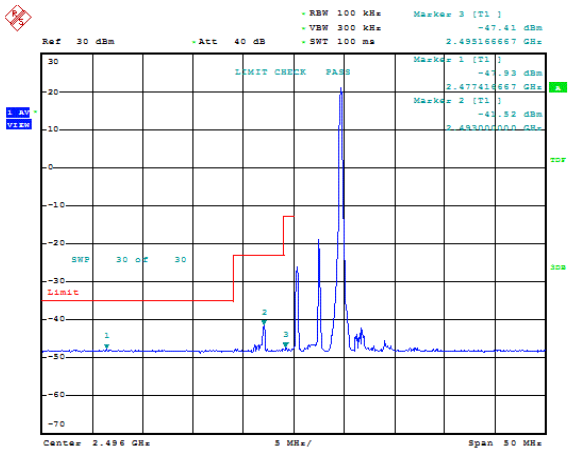 Date: 30.OCT.2020 11:04:55
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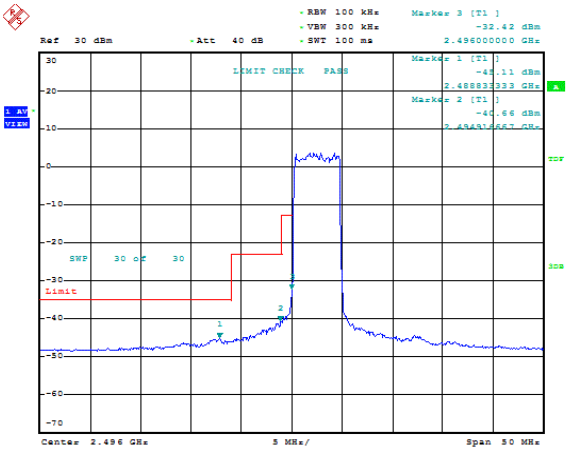

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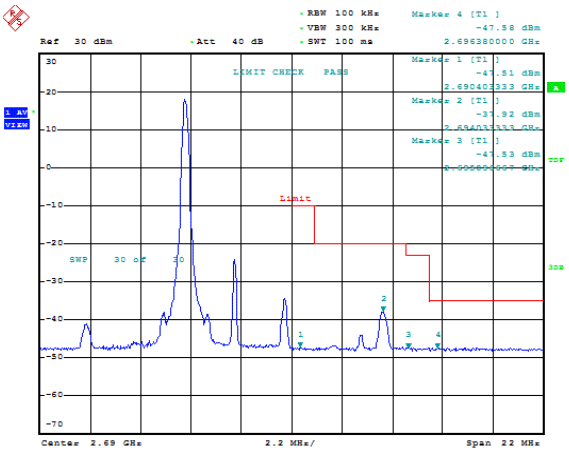

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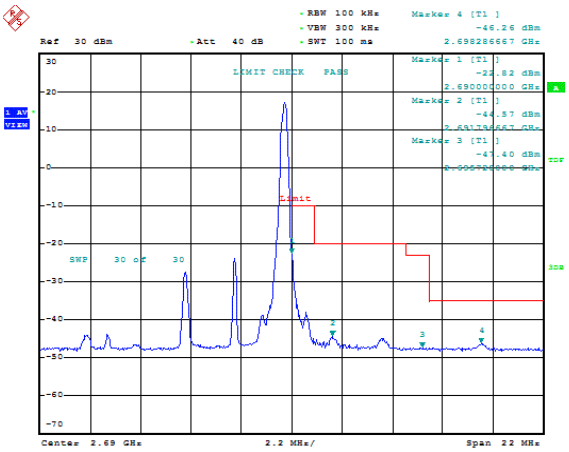

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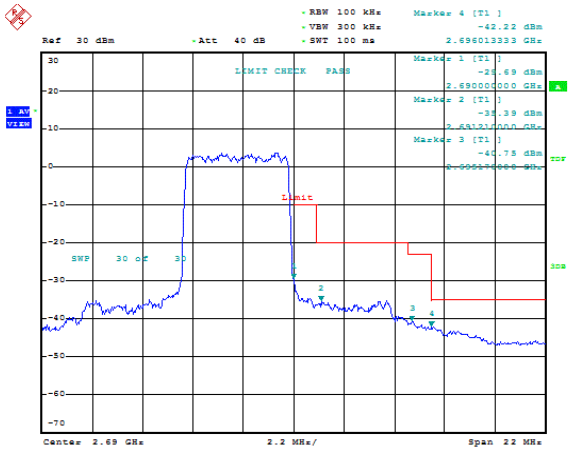

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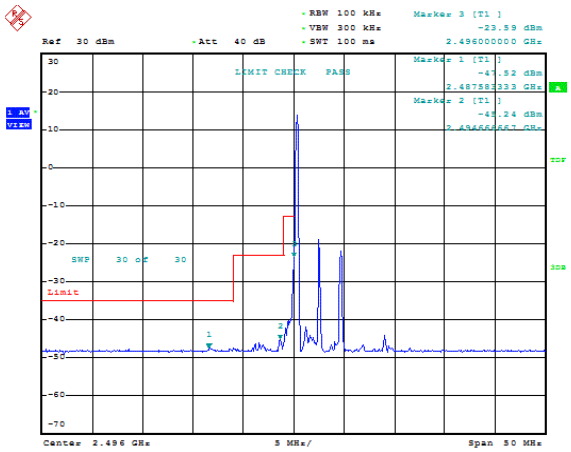

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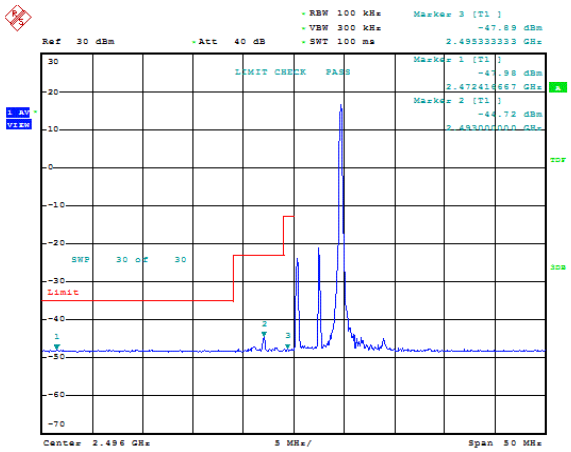

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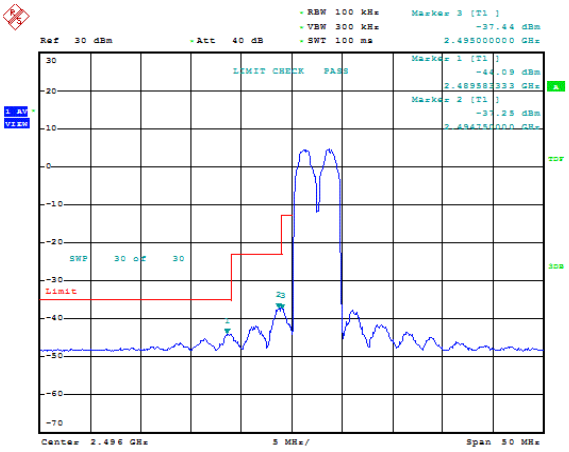

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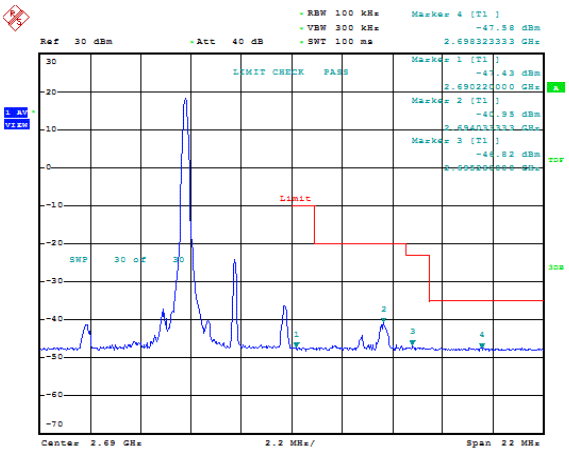

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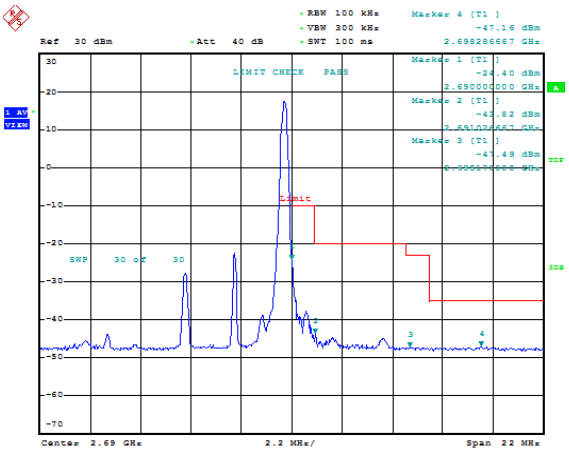

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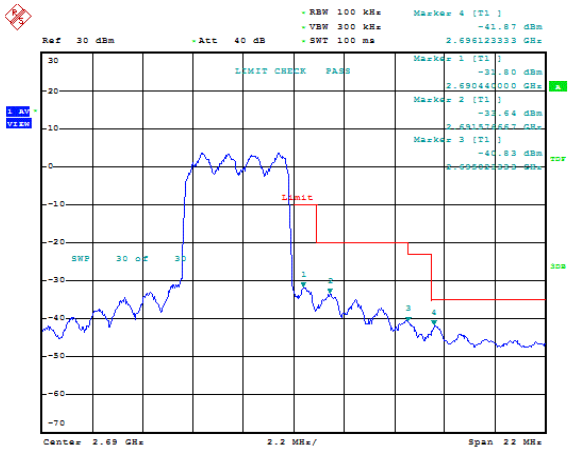

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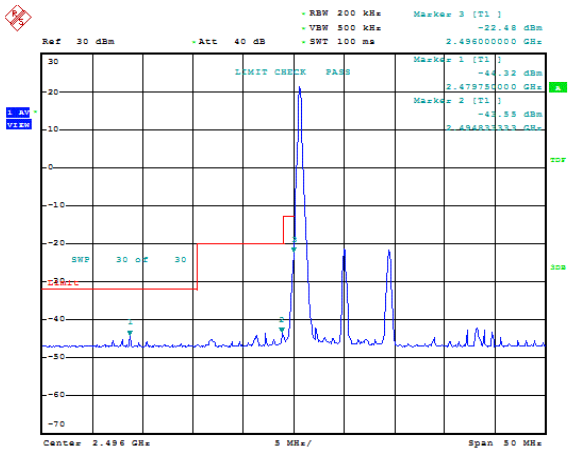

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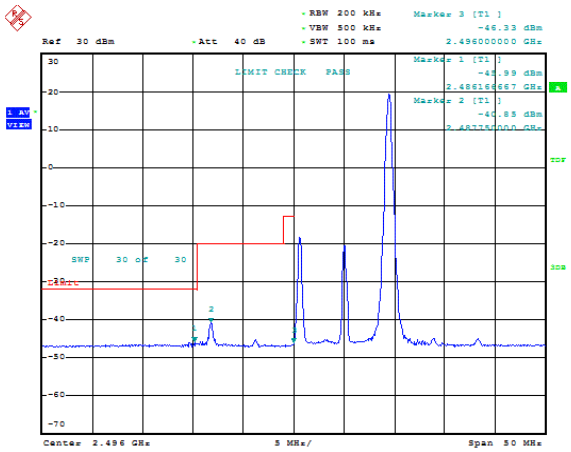

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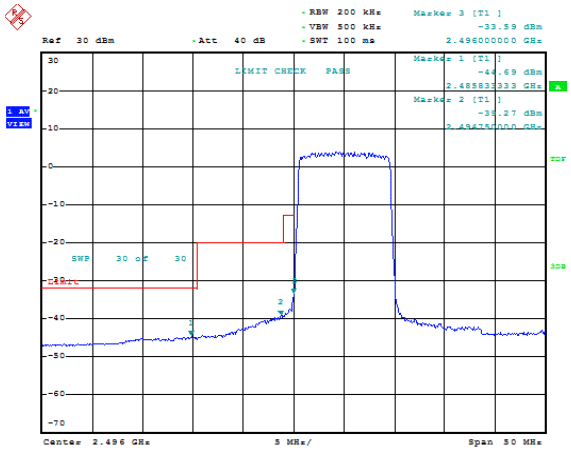

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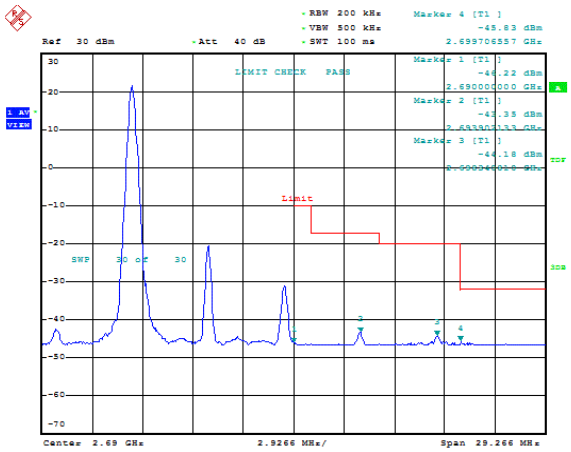

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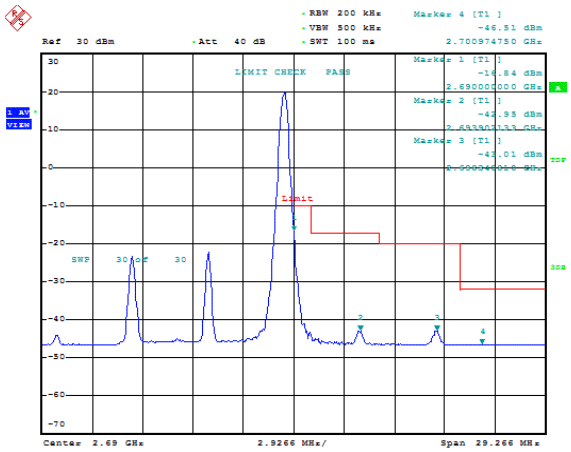

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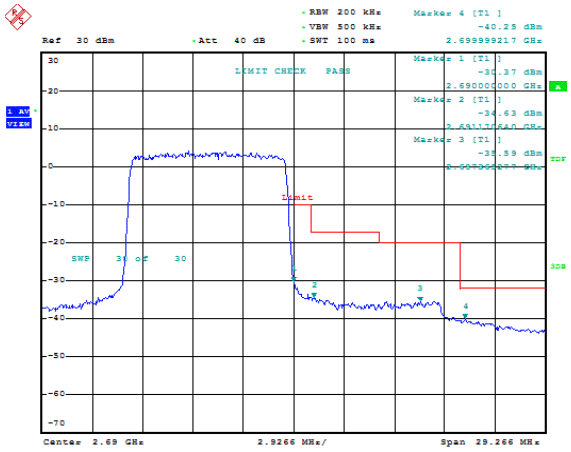

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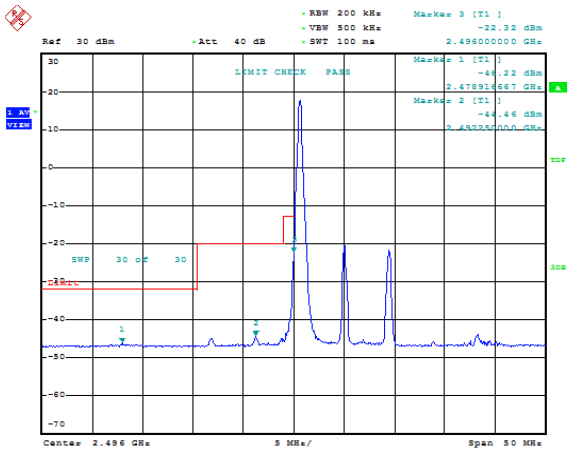

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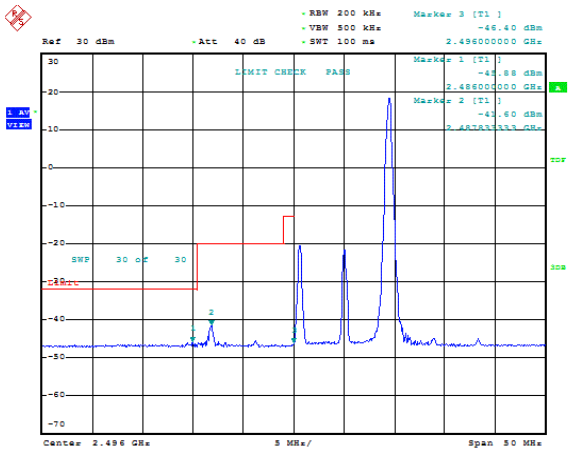

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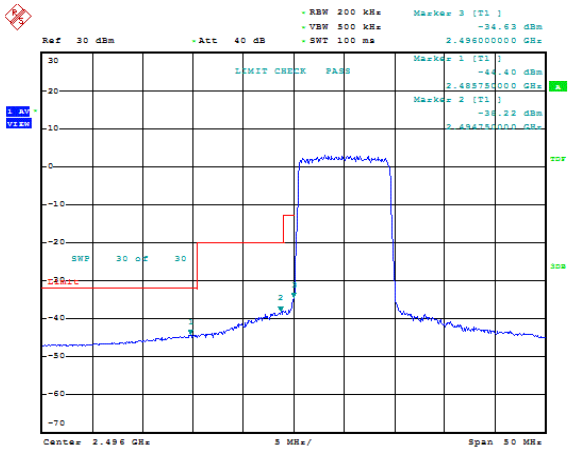

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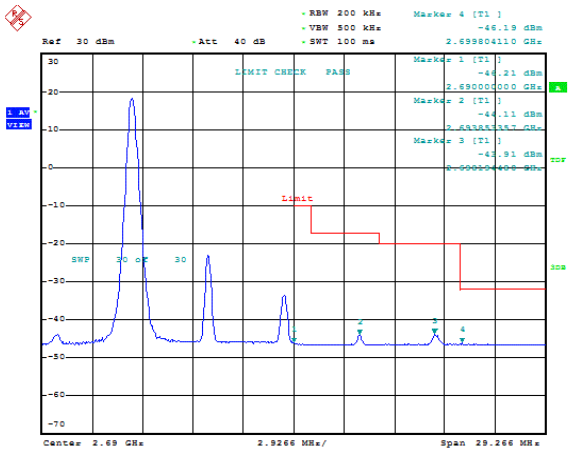

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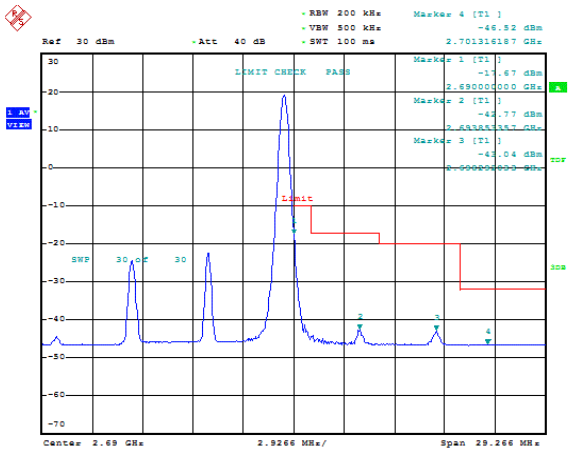

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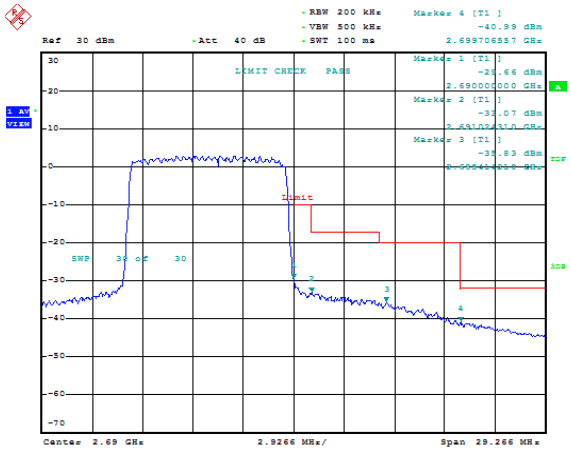

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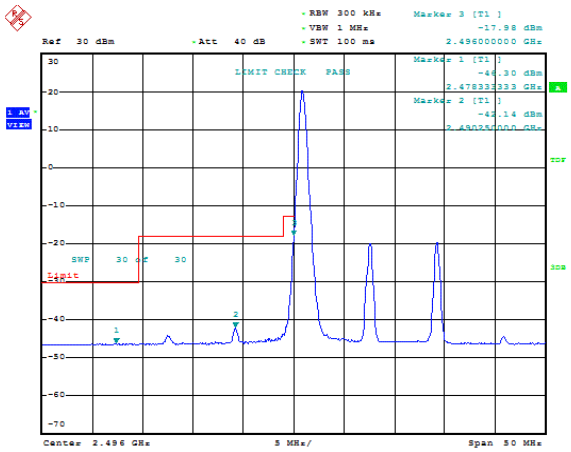

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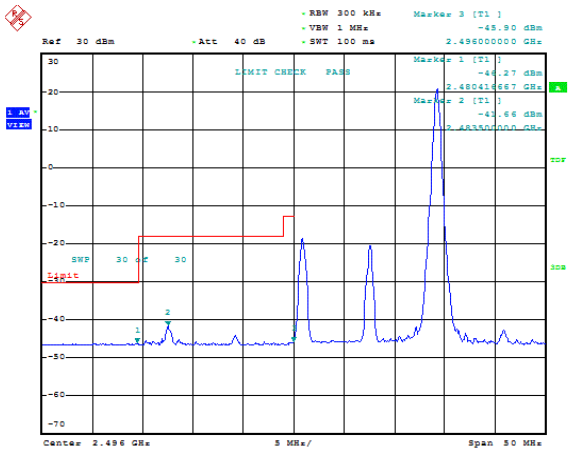

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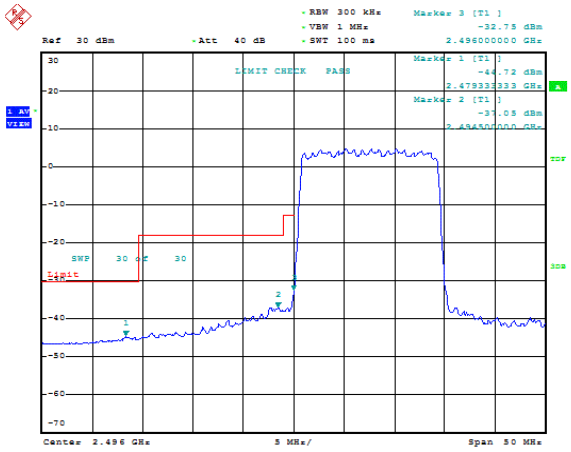

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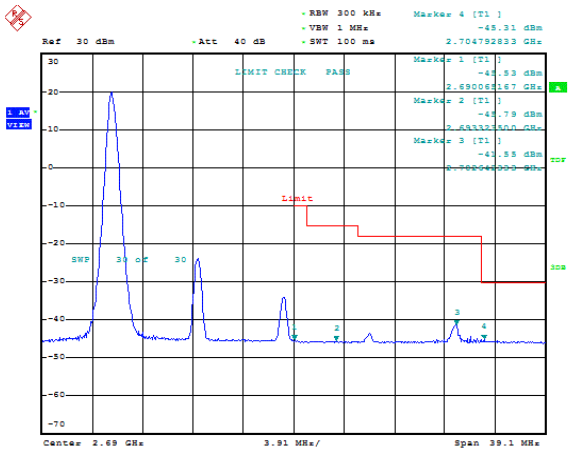

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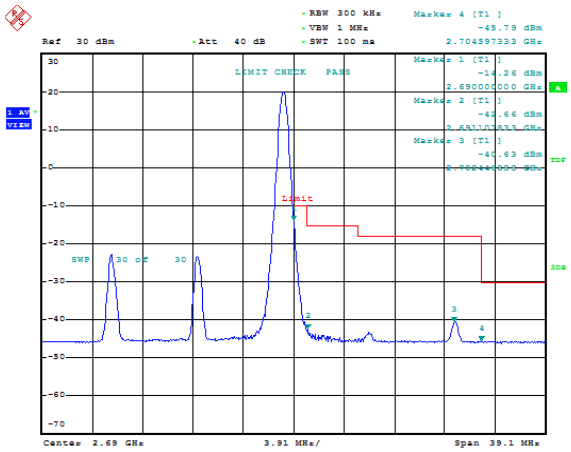

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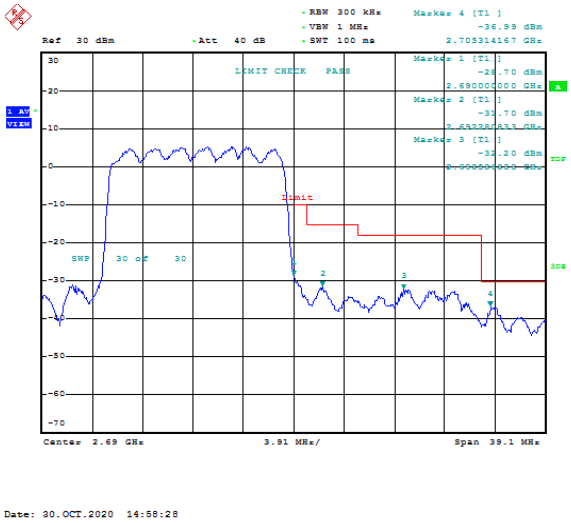

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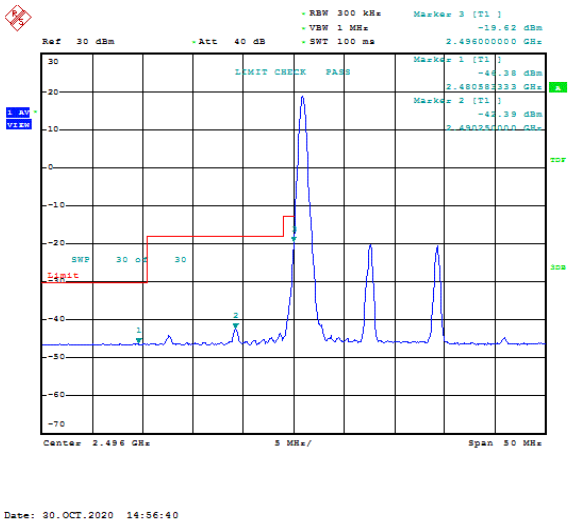

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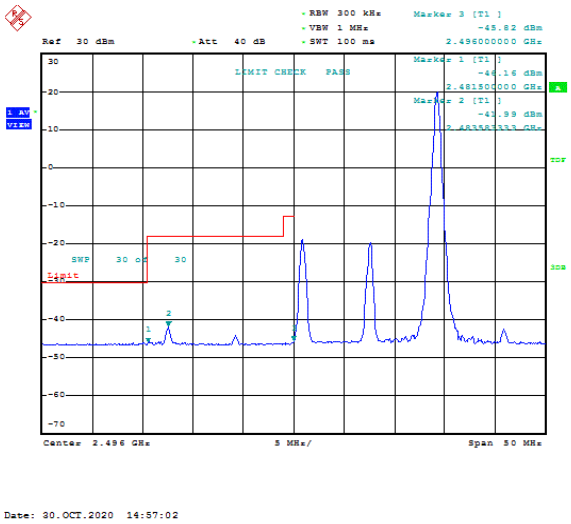

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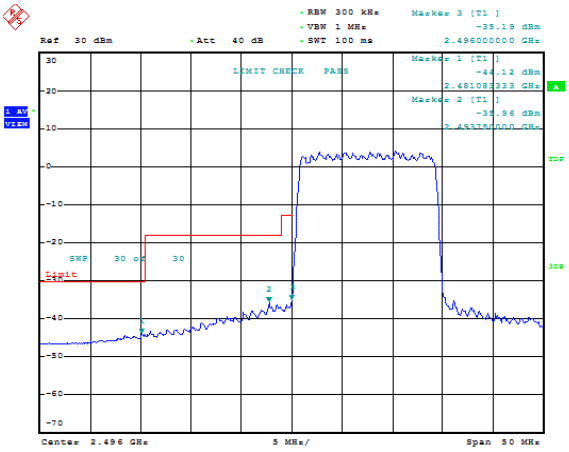

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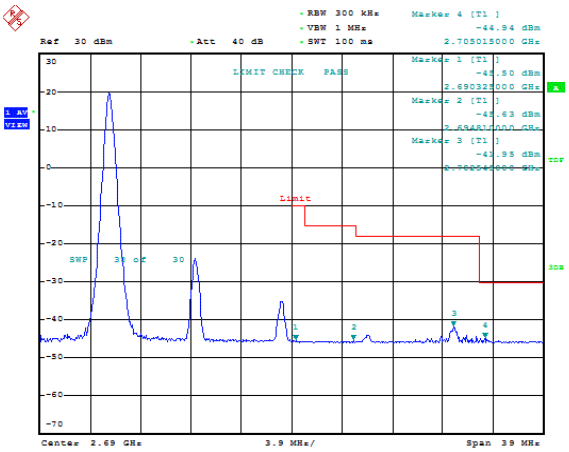

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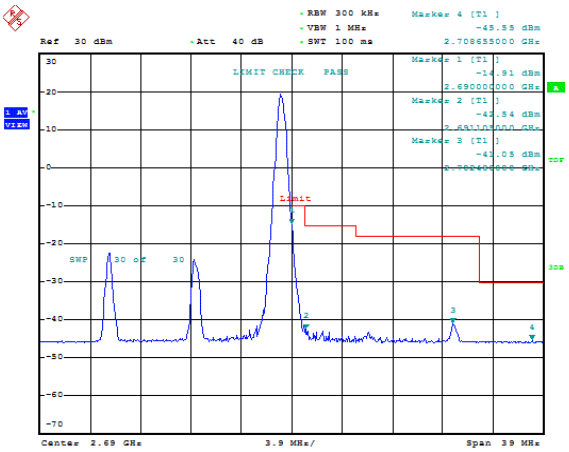

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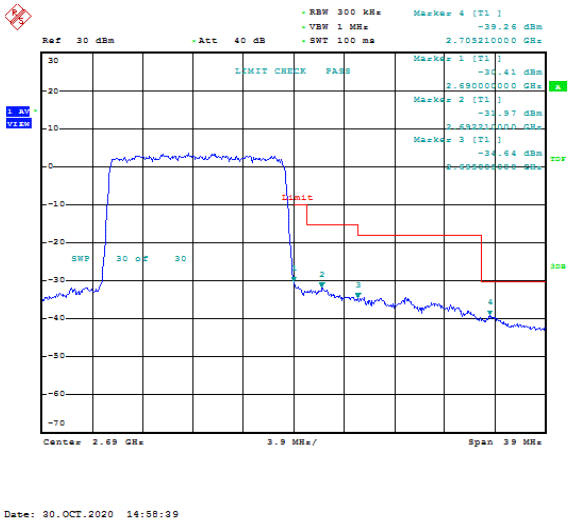

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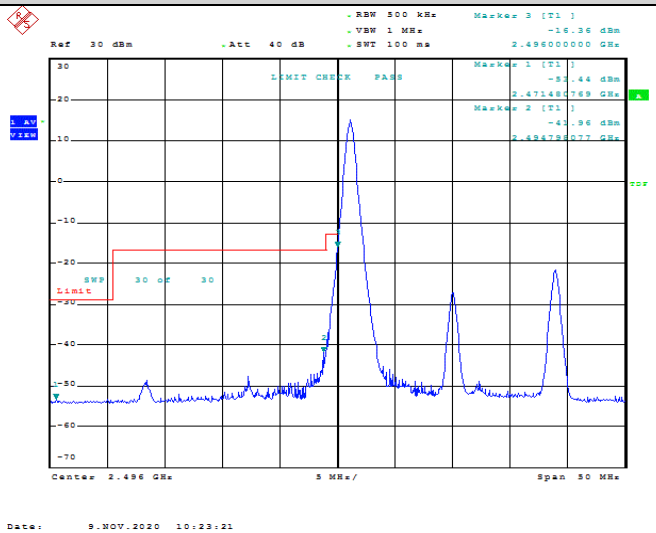

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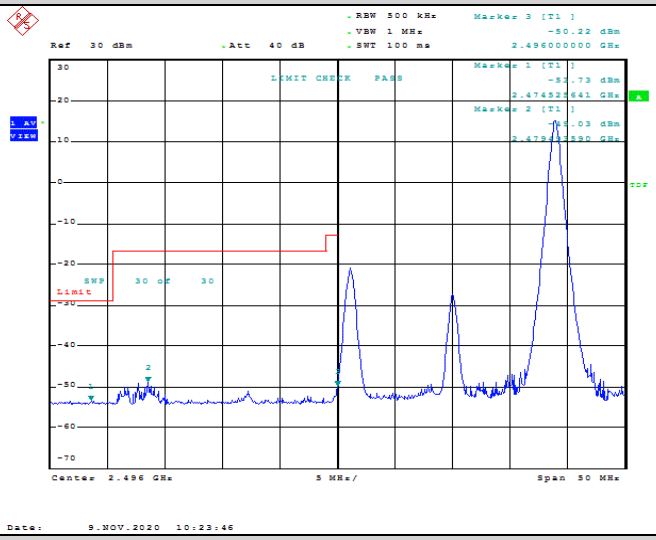

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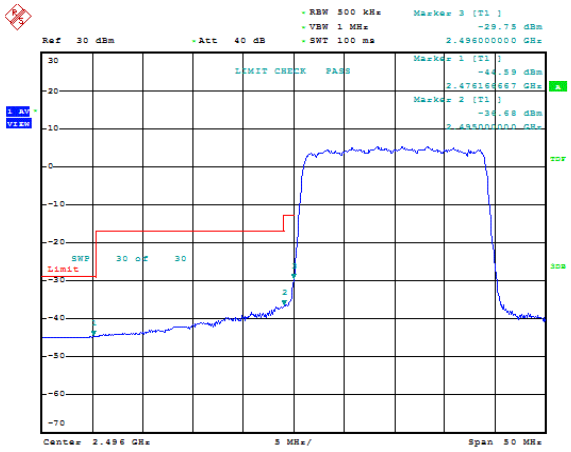

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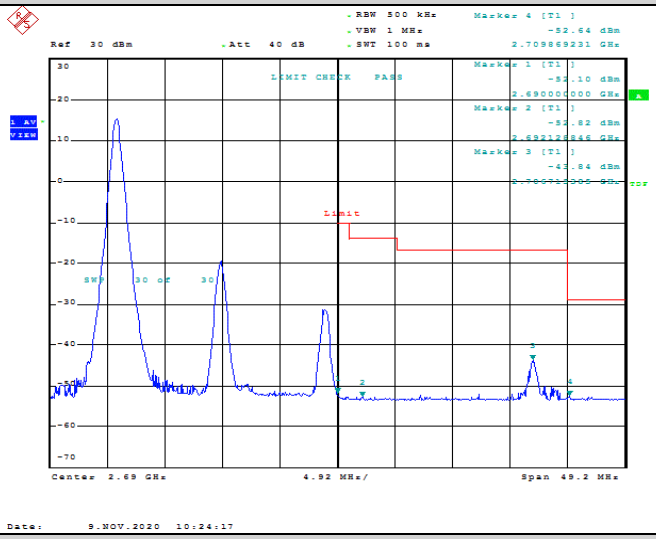

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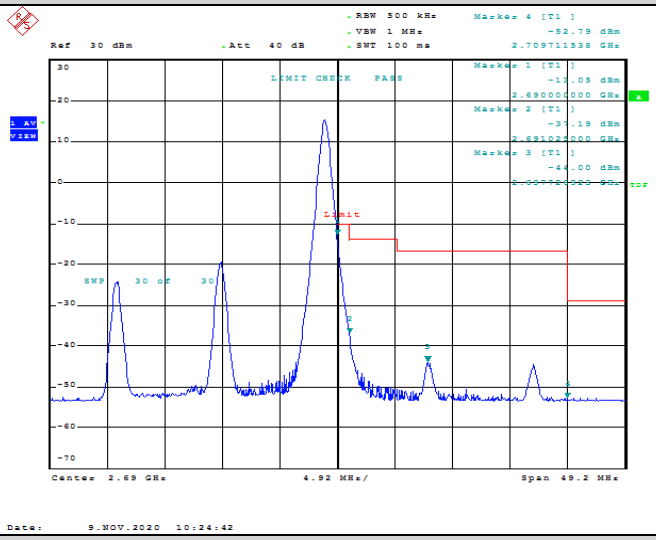

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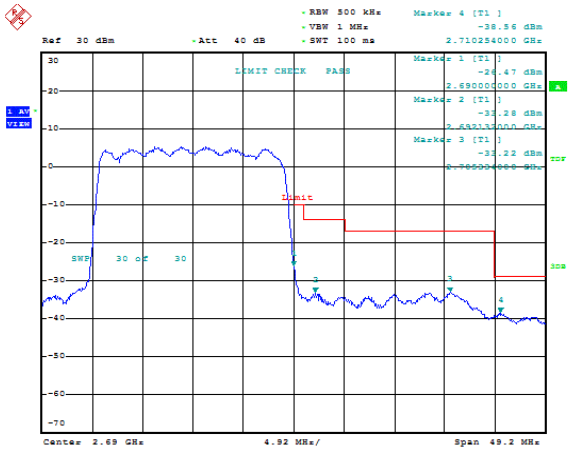
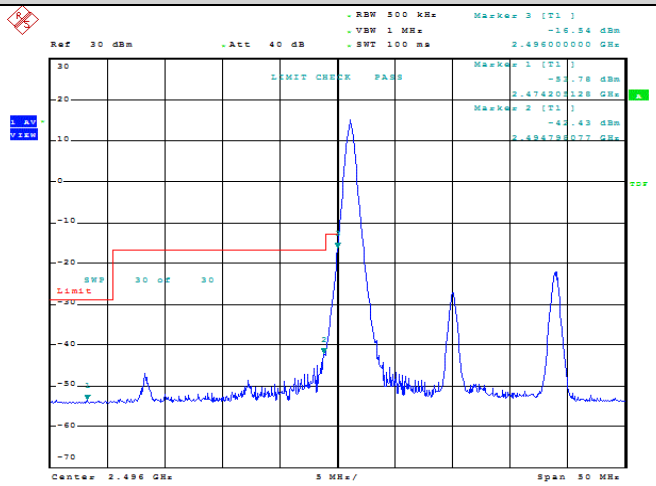


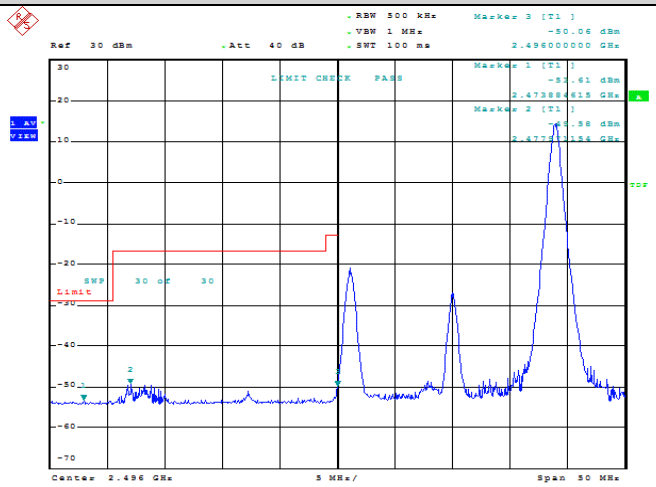
Date: 30.OCT.2020 15:18:41

Band41-20MHz-16QAM-39750-1RB#0



Date: 9.NOV.2020 10:23:34

Band41-20MHz-16QAM-39750-1RB#99



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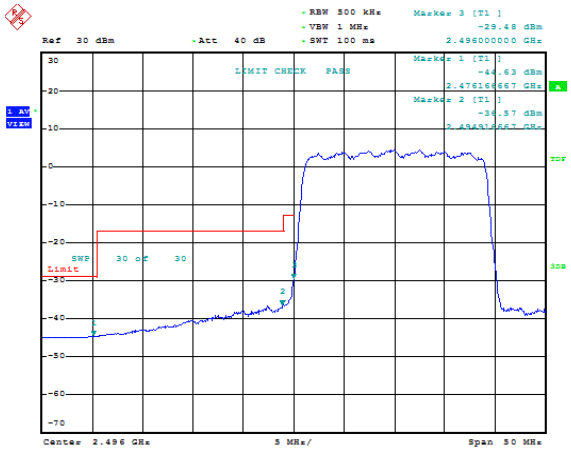
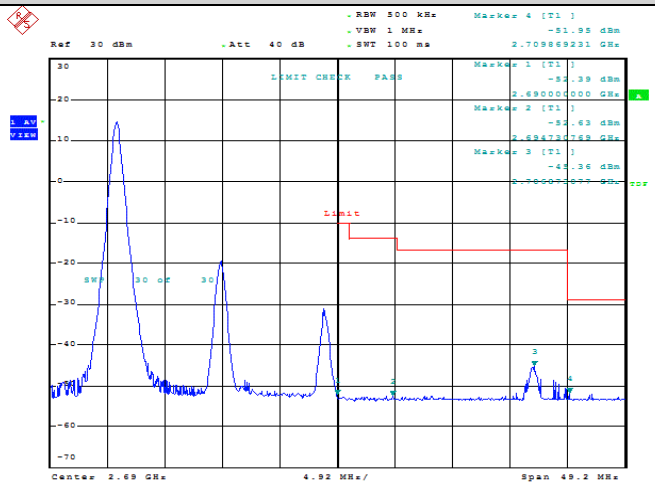
Band41-20MHz-16QAM-39750-100RB#0



Date: 30.OCT.2020 15:17:29

Band41-20MHz-16QAM-41490-1RB#0



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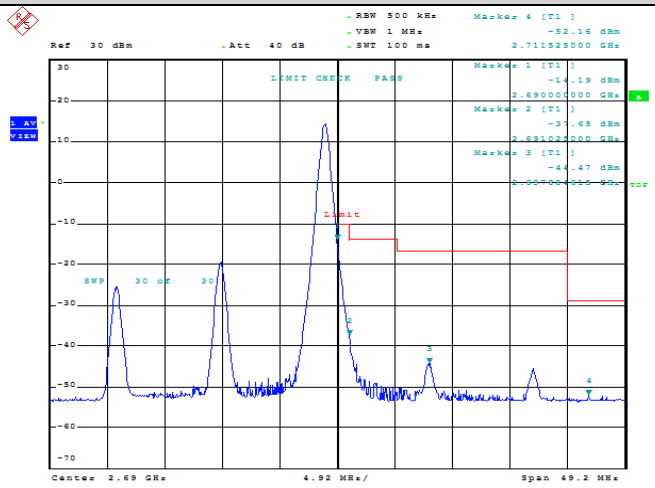
Band41-20MHz-16QAM-41490-1RB#99



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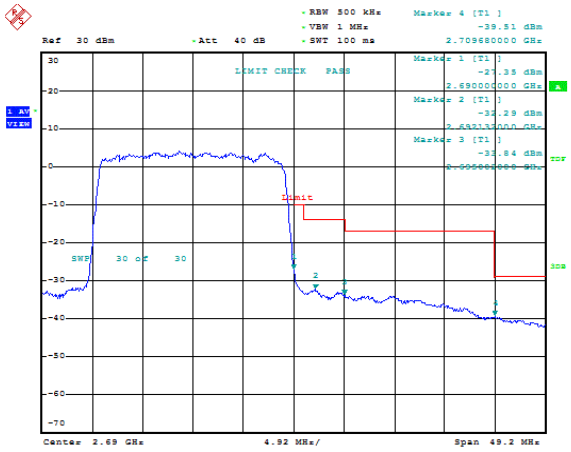
Band41-20MHz-16QAM-41490-100RB#0



Date: 30.OCT.2020 15:18:53

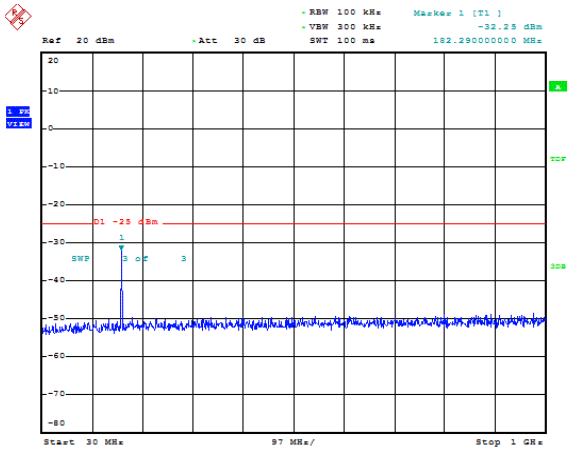
1.5. Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	Range1:30~1000MHz	-32.25	PASS
Band41	5MHz	QPSK	39675	1RB#0	Range2:1000~3000MHz	-38.22	PASS
Band41	5MHz	QPSK	39675	1RB#0	Range3:3000~26500MHz	-28.68	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-30.1	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range2:1000~3000MHz	-38.61	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range3:3000~26500MHz	-29.49	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range1:30~1000MHz	-25.54	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range2:1000~3000MHz	-36.92	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range3:3000~26500MHz	-28.93	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range1:30~1000MHz	-32.62	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range2:1000~3000MHz	-38.14	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range3:3000~26500MHz	-27.49	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-28.28	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range2:1000~3000MHz	-38.4	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range3:3000~26500MHz	-29.84	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range1:30~1000MHz	-27.97	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range2:1000~3000MHz	-37.3	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range3:3000~26500MHz	-28.9	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range1:30~1000MHz	-32.42	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range2:1000~3000MHz	-37.82	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range3:3000~26500MHz	-28.84	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-29.08	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range2:1000~3000MHz	-39.17	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range3:3000~26500MHz	-29.5	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range1:30~1000MHz	-32.29	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range2:1000~3000MHz	-37.98	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range3:3000~26500MHz	-29.41	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range1:30~1000MHz	-33.26	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range2:1000~3000MHz	-34.92	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range3:3000~26500MHz	-29.21	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-29.58	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range2:1000~3000MHz	-34.53	PASS

Band41	15MHz	QPSK	40620	1RB#0	Range3:3000~26500MHz	-29.05	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range1:30~1000MHz	-26.25	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range2:1000~3000MHz	-29.22	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range3:3000~26500MHz	-29.19	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range1:30~1000MHz	-32.08	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range2:1000~3000MHz	-33.02	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range3:3000~26500MHz	-28.74	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-30.3	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range2:1000~3000MHz	-34.37	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range3:3000~26500MHz	-28.75	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range1:30~1000MHz	-25.28	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range2:1000~3000MHz	-29.28	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range3:3000~26500MHz	-29.06	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range1:30~1000MHz	-33.15	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range2:1000~3000MHz	-33.35	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range3:3000~26500MHz	-26.43	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-30.58	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range2:1000~3000MHz	-32.59	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range3:3000~26500MHz	-27.92	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range1:30~1000MHz	-26.56	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range2:1000~3000MHz	-28.01	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range3:3000~26500MHz	-29.37	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range1:30~1000MHz	-32.49	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range2:1000~3000MHz	-28.86	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range3:3000~26500MHz	-27.09	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-28.96	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range2:1000~3000MHz	-30.68	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range3:3000~26500MHz	-29.56	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range1:30~1000MHz	-25.86	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range2:1000~3000MHz	-27.93	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range3:3000~26500MHz	-28.75	PASS

Test Graphs

Band41-5MHz-QPSK-39675-1RB#0-Range1:30~1000MHz

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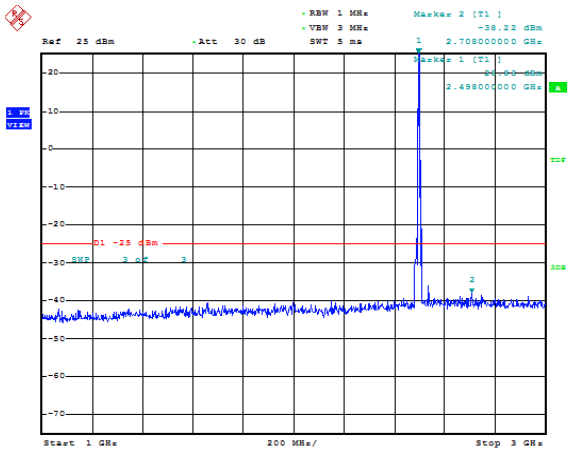
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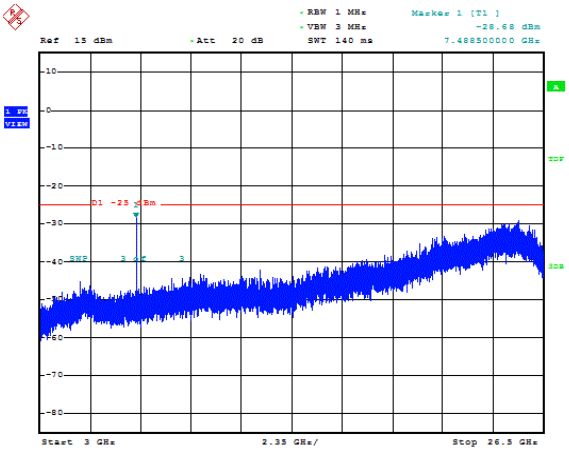

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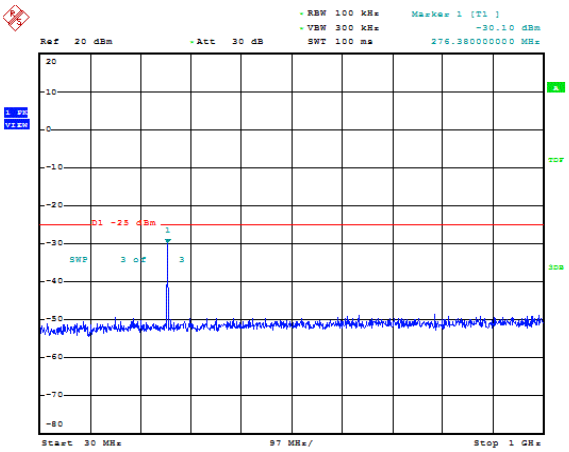

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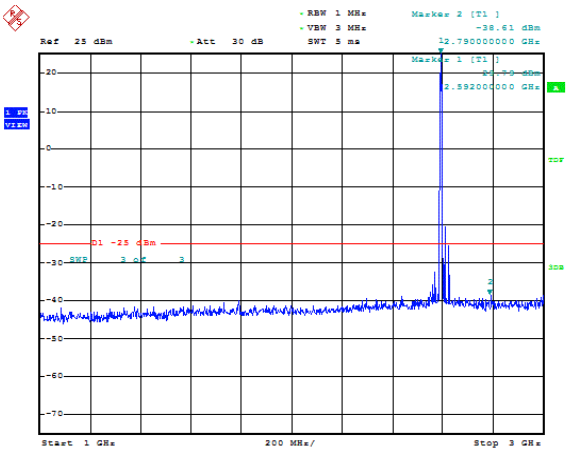

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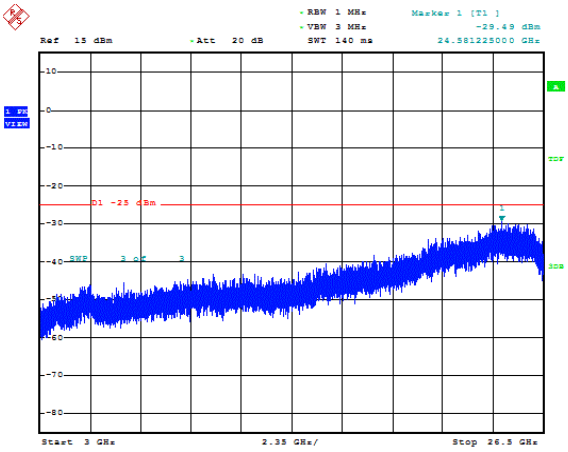

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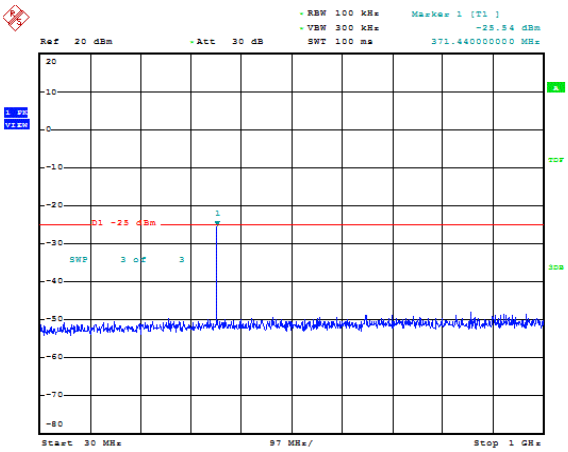
Band41-5MHz-QPSK-41565-1RB#0-Range1:30~1000MHz



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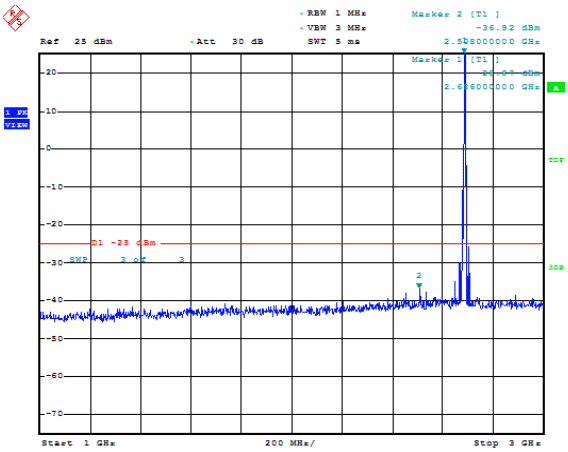

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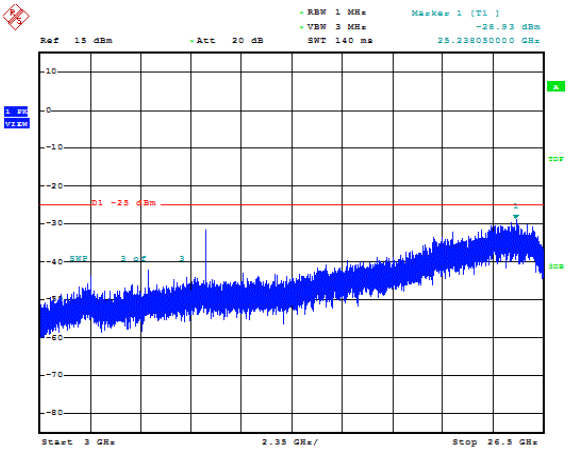

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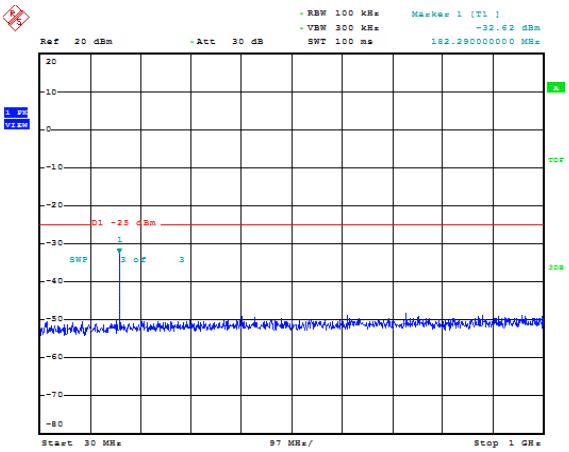

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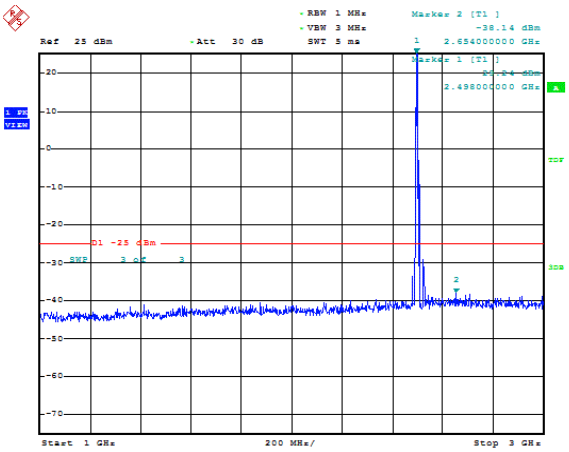

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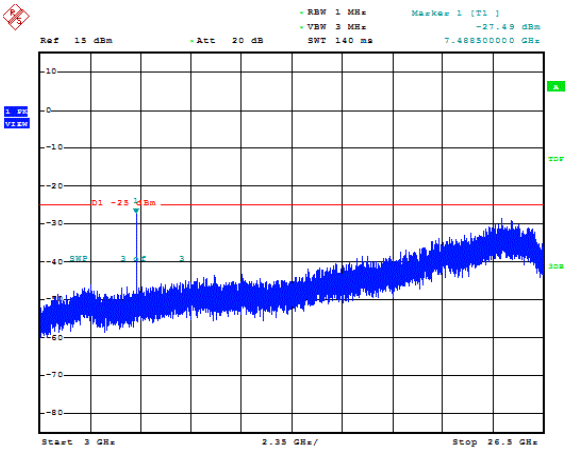

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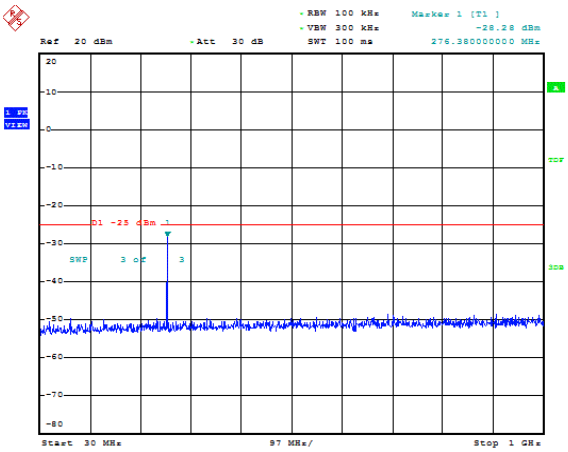

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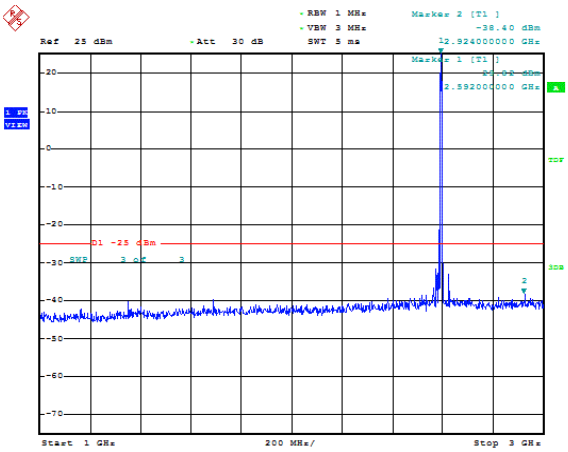

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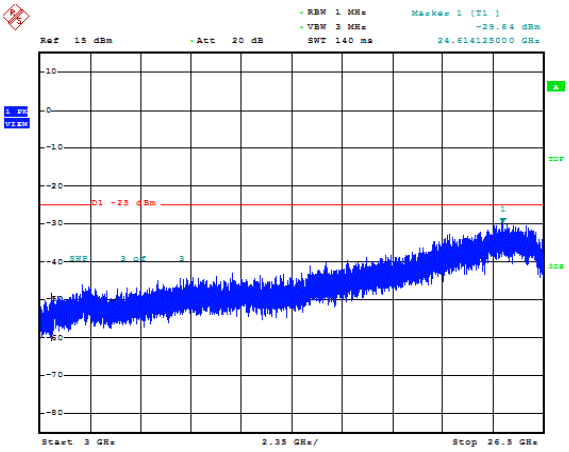
Band41-5MHz-16QAM-40620-1RB#0-Range3:3000~26500MHz



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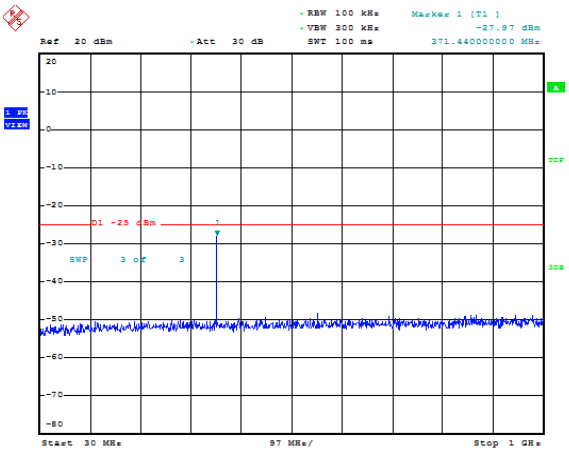

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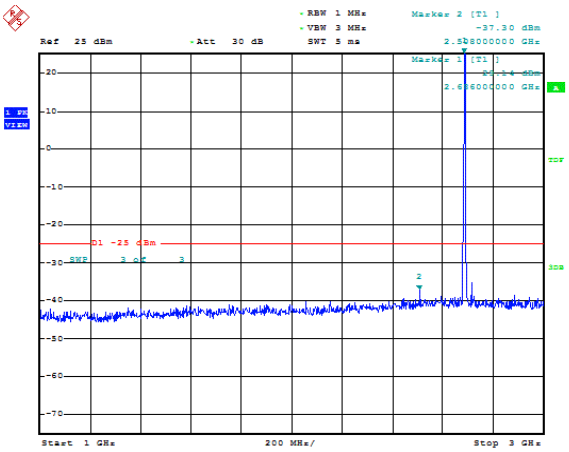

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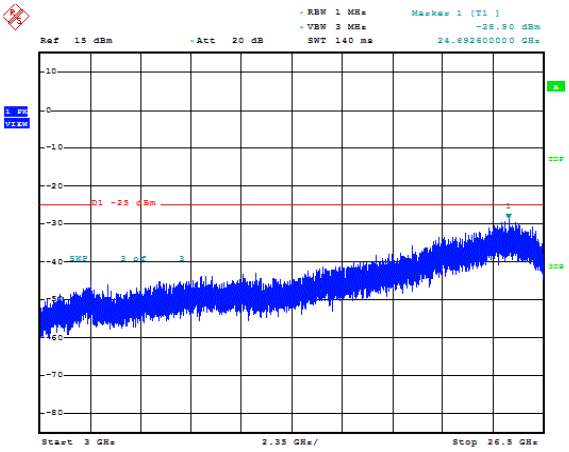
Band41-5MHz-16QAM-41565-1RB#0-Range3:3000~26500MHz



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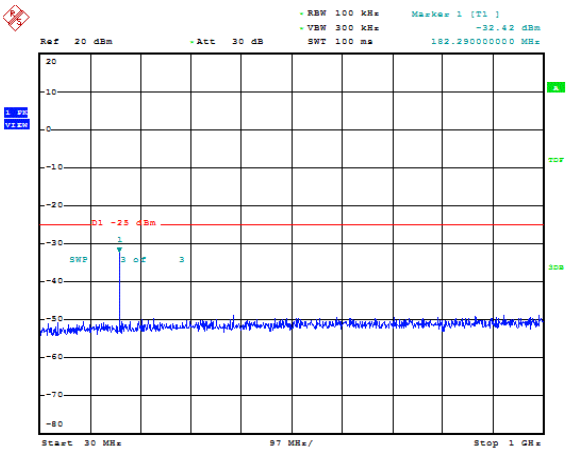
Band41-10MHz-QPSK-39700-1RB#0-Range1:30~1000MHz



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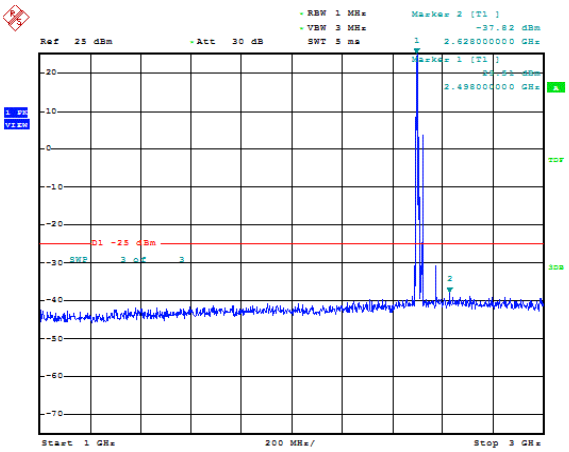

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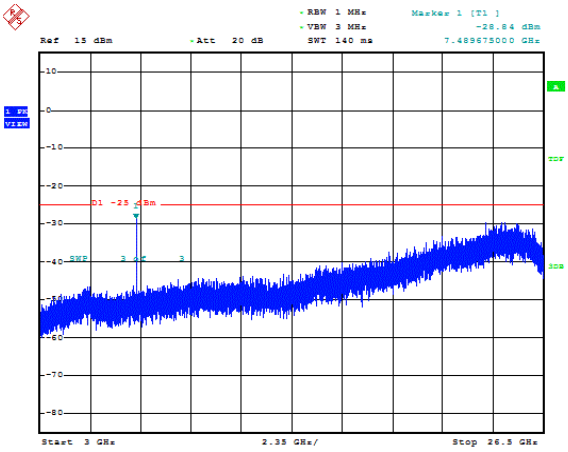
Band41-10MHz-QPSK-39700-1RB#0-Range3:3000~26500MHz



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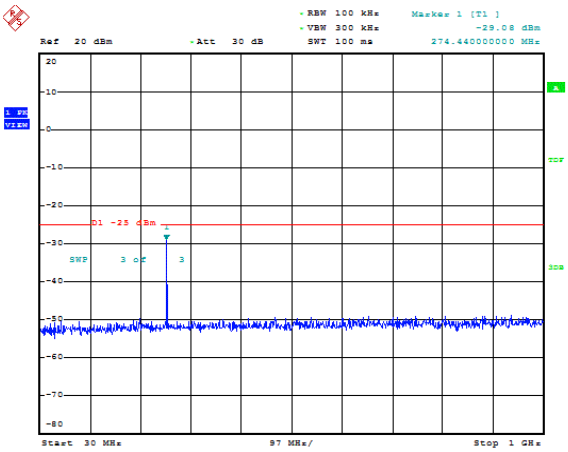

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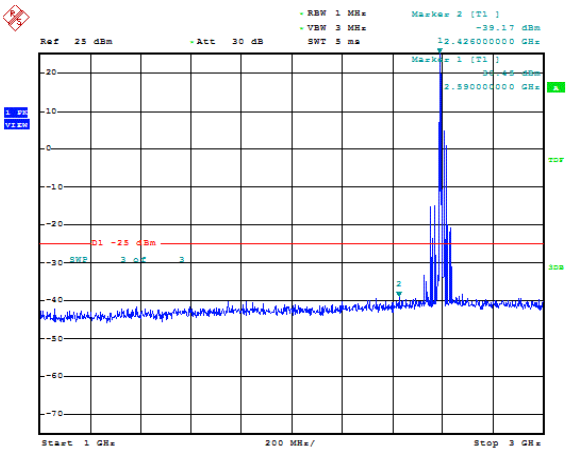

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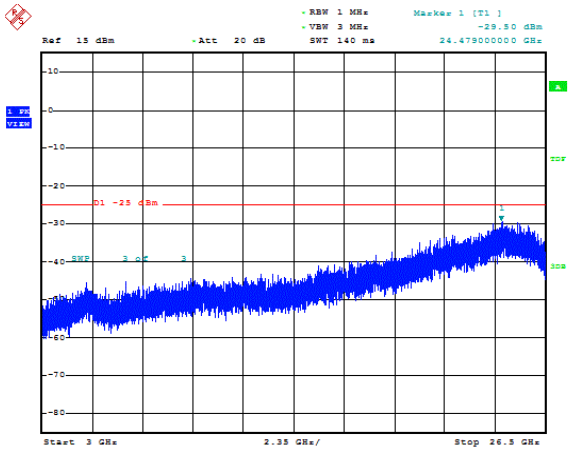

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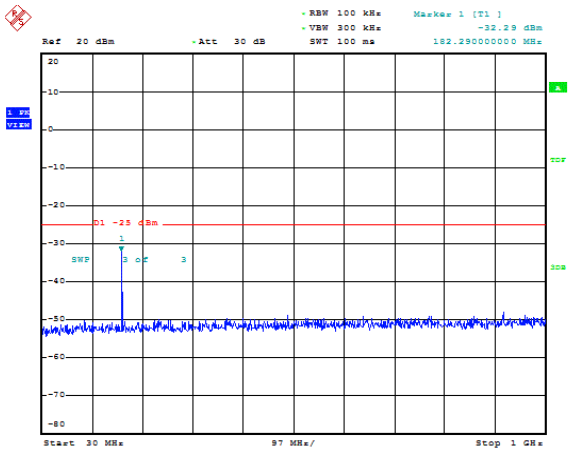
Band41-10MHz-16QAM-39700-1RB#0-Range1:30~1000MHz



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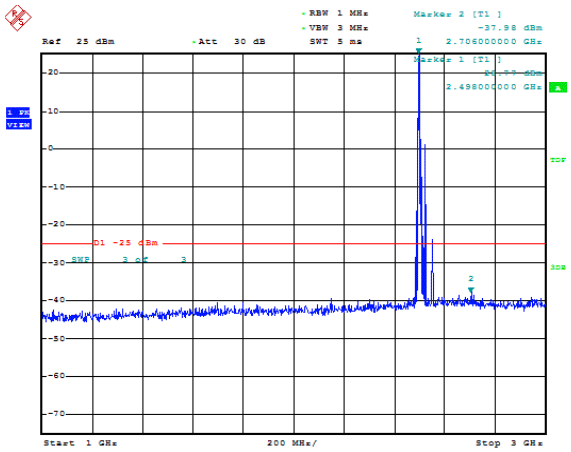

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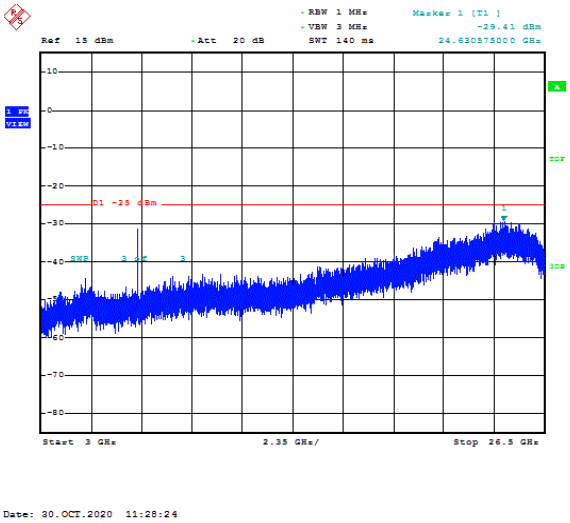
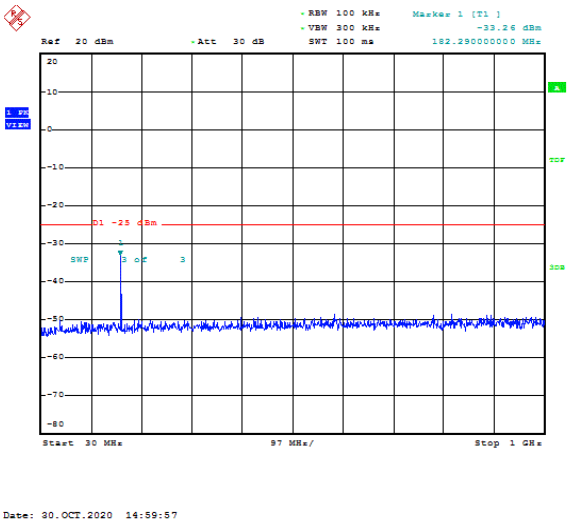
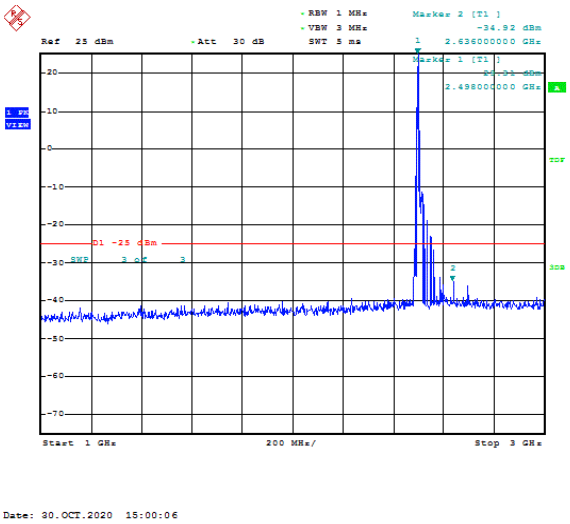
Band41-10MHz-16QAM-39700-1RB#0-Range3:3000~26500MHz



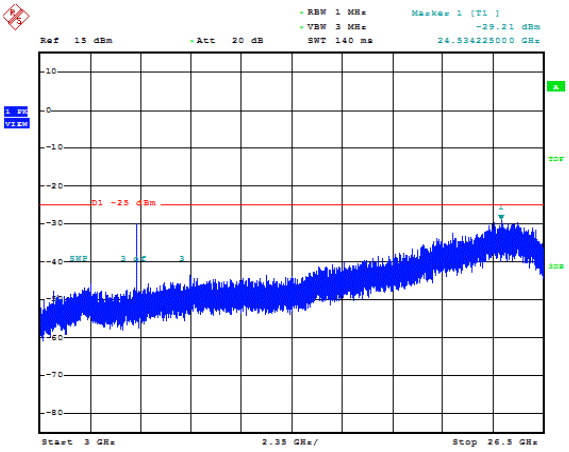
Band41-15MHz-QPSK-39725-1RB#0-Range1:30~1000MHz



Band41-15MHz-QPSK-39725-1RB#0-Range2:1000~3000MHz

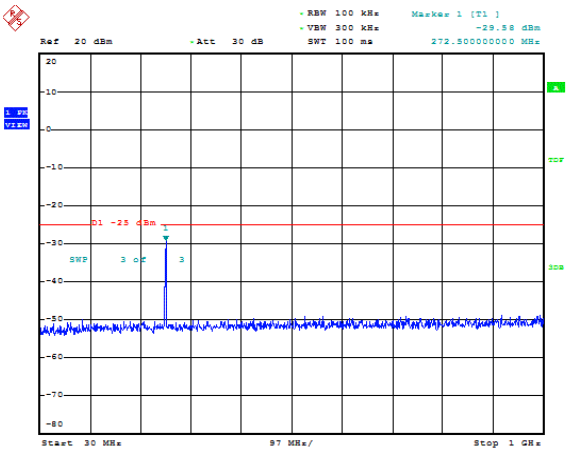


Band41-15MHz-QPSK-39725-1RB#0-Range3:3000~26500MHz



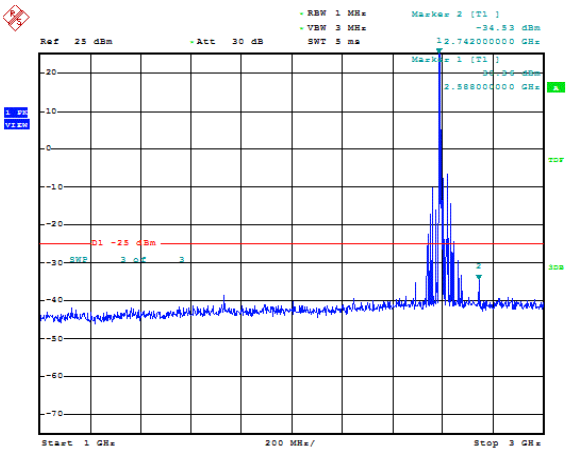
Date: 30.OCT.2020 15:00:13

Band41-15MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



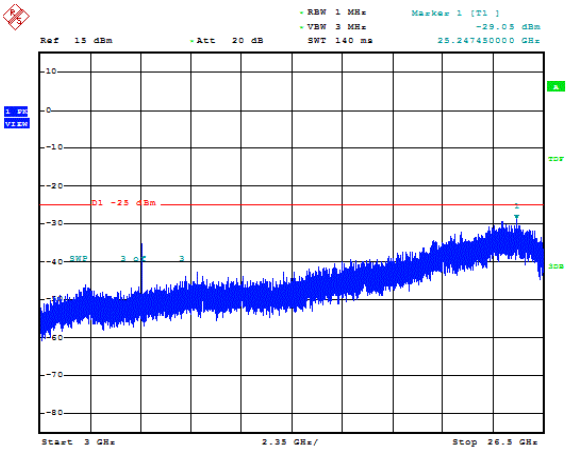
Date: 30.OCT.2020 15:00:50

Band41-15MHz-QPSK-40620-1RB#0-Range2:1000~3000MHz



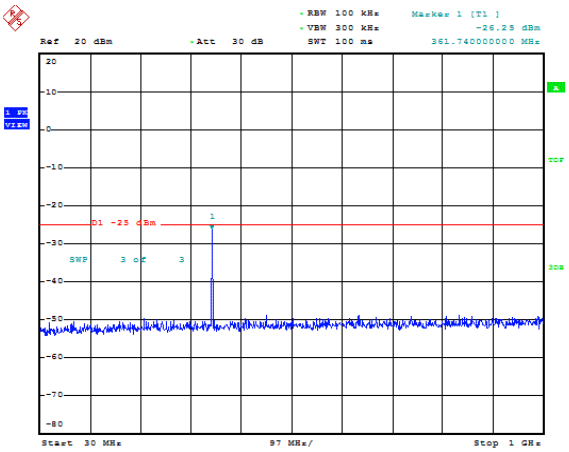
Date: 30.OCT.2020 15:00:58

Band41-15MHz-QPSK-40620-1RB#0-Range3:3000~26500MHz



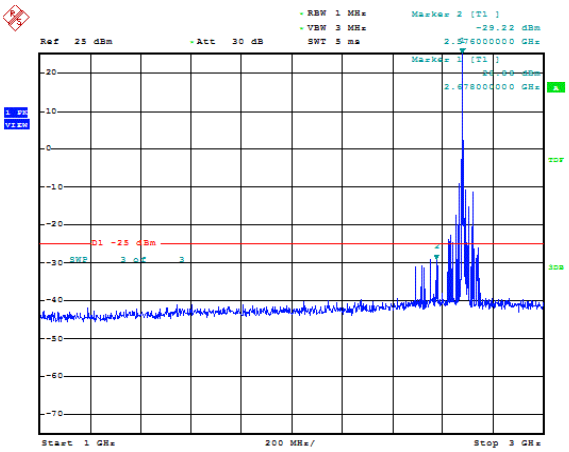
Date: 30.OCT.2020 15:01:06

Band41-15MHz-QPSK-41515-1RB#0-Range1:30~1000MHz



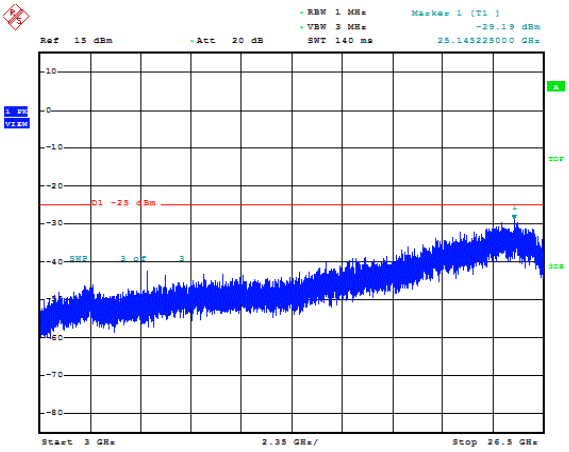
Date: 30.OCT.2020 15:01:42

Band41-15MHz-QPSK-41515-1RB#0-Range2:1000~3000MHz



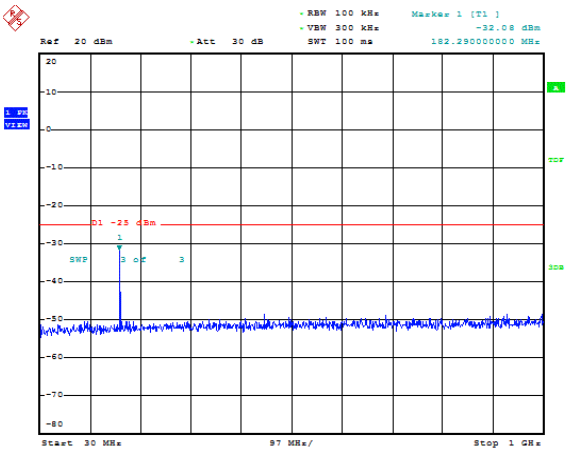
Date: 30.OCT.2020 15:01:50

Band41-15MHz-QPSK-41515-1RB#0-Range3:3000~26500MHz



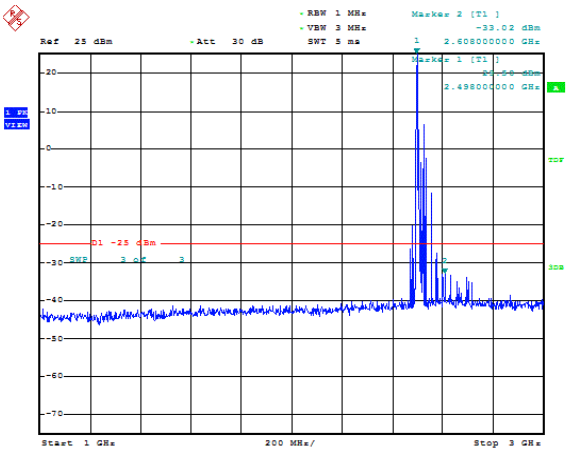
Date: 30.OCT.2020 15:01:58

Band41-15MHz-16QAM-39725-1RB#0-Range1:30~1000MHz



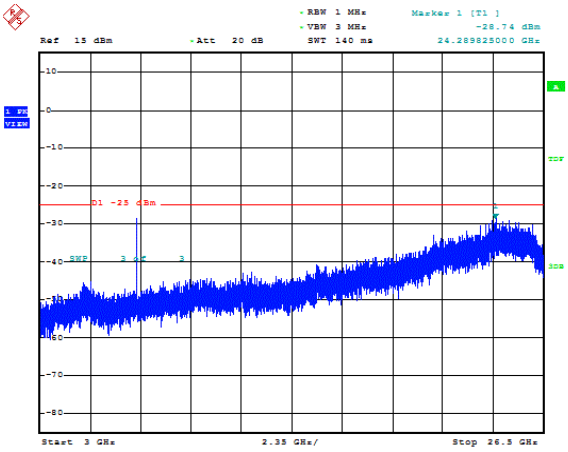
Date: 30.OCT.2020 15:00:22

Band41-15MHz-16QAM-39725-1RB#0-Range2:1000~3000MHz



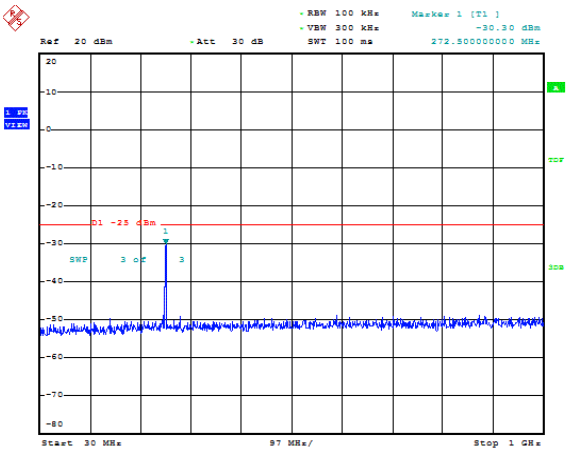
Date: 30.OCT.2020 15:00:30

Band41-15MHz-16QAM-39725-1RB#0-Range3:3000~26500MHz



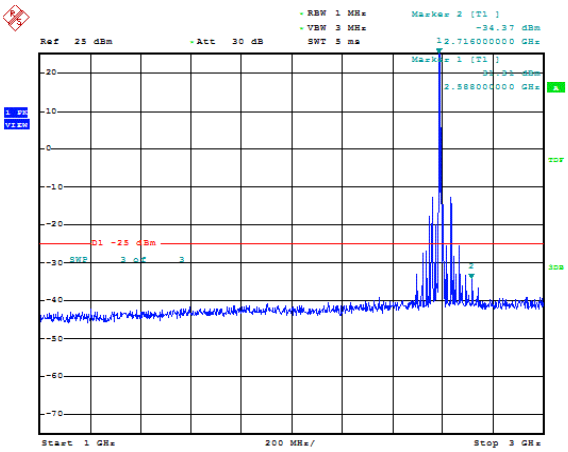
Date: 30.OCT.2020 15:00:38

Band41-15MHz-16QAM-40620-1RB#0-Range1:30~1000MHz



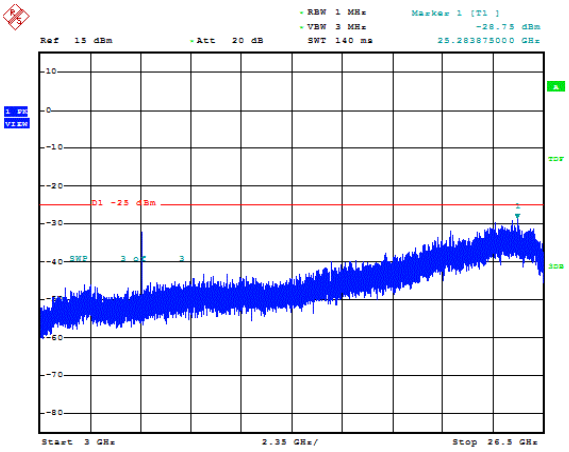
Date: 30.OCT.2020 15:01:15

Band41-15MHz-16QAM-40620-1RB#0-Range2:1000~3000MHz



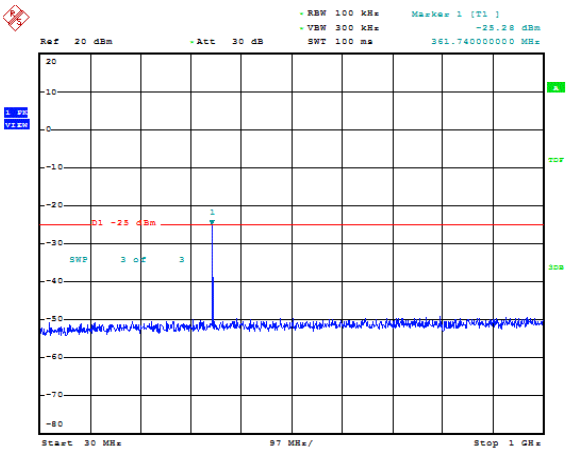
Date: 30.OCT.2020 15:01:23

Band41-15MHz-16QAM-40620-1RB#0-Range3:3000~26500MHz



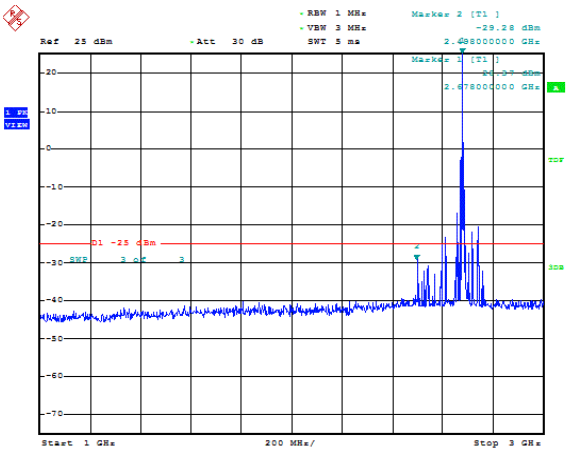
Date: 30.OCT.2020 15:01:31

Band41-15MHz-16QAM-41515-1RB#0-Range1:30~1000MHz



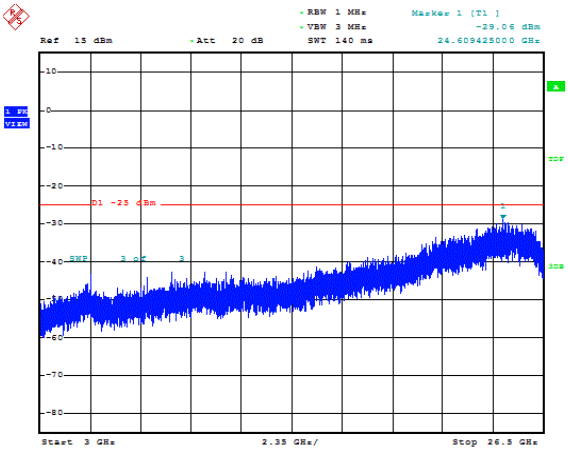
Date: 30.OCT.2020 15:02:07

Band41-15MHz-16QAM-41515-1RB#0-Range2:1000~3000MHz



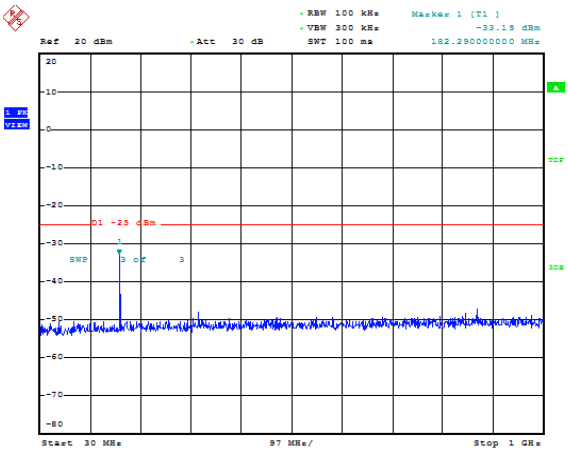
Date: 30.OCT.2020 15:02:15

Band41-15MHz-16QAM-41515-1RB#0-Range3:3000~26500MHz



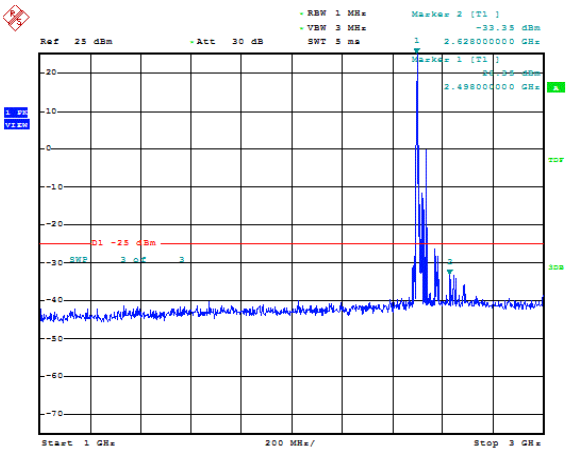
Date: 30.OCT.2020 15:02:23

Band41-20MHz-QPSK-39750-1RB#0-Range1:30~1000MHz



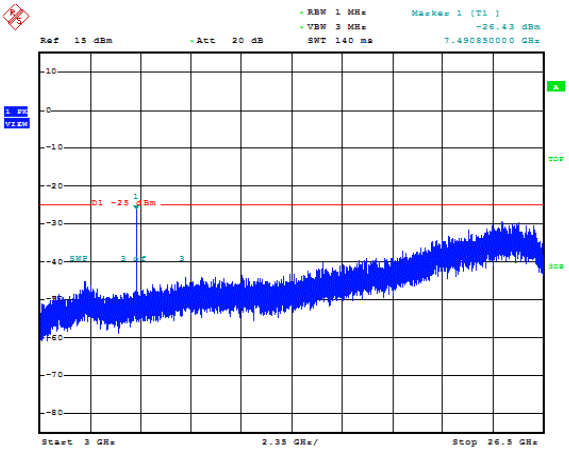
Date: 30.OCT.2020 15:30:21

Band41-20MHz-QPSK-39750-1RB#0-Range2:1000~3000MHz



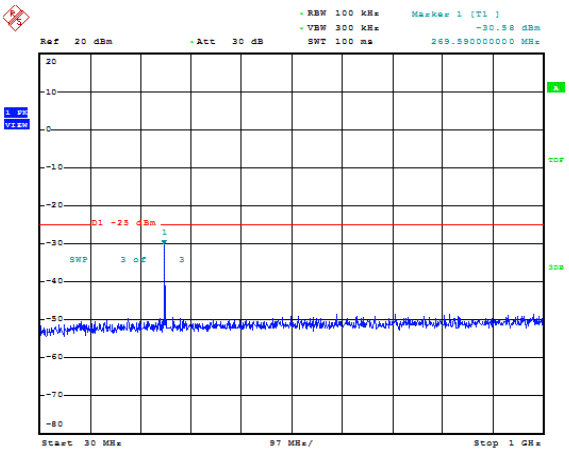
Date: 30.OCT.2020 15:30:29

Band41-20MHz-QPSK-39750-1RB#0-Range3:3000~26500MHz



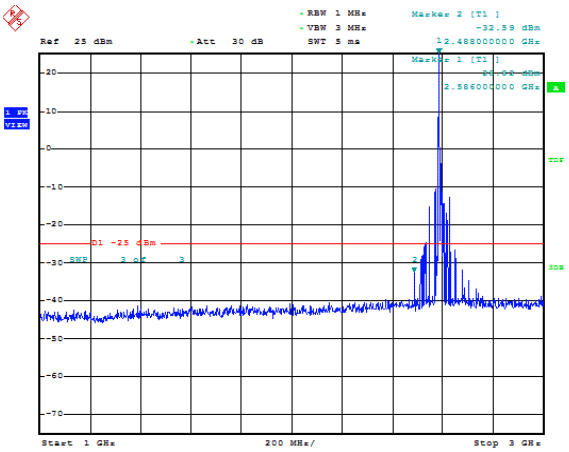
Date: 30.OCT.2020 15:30:37

Band41-20MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



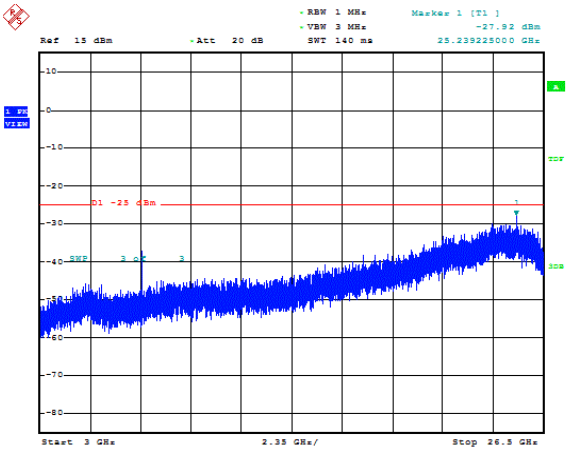
Date: 30.OCT.2020 15:31:13

Band41-20MHz-QPSK-40620-1RB#0-Range2:1000~3000MHz



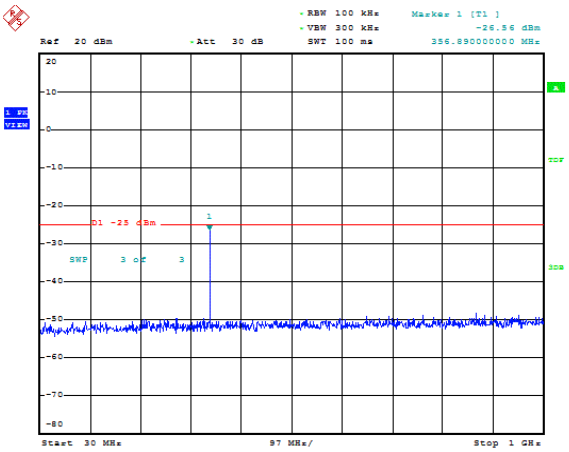
Date: 30.OCT.2020 15:31:21

Band41-20MHz-QPSK-40620-1RB#0-Range3:3000~26500MHz



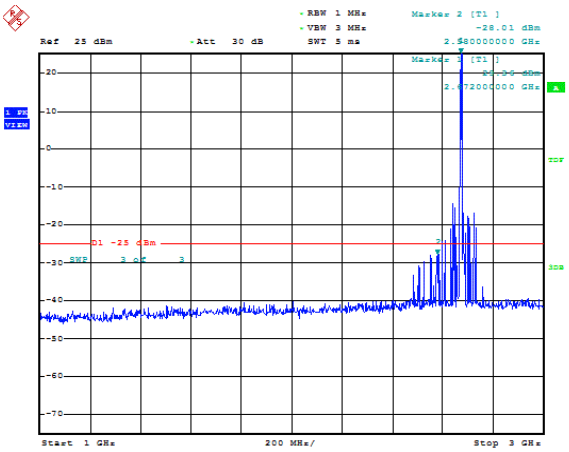
Date: 30.OCT.2020 15:31:29

Band41-20MHz-QPSK-41490-1RB#0-Range1:30~1000MHz



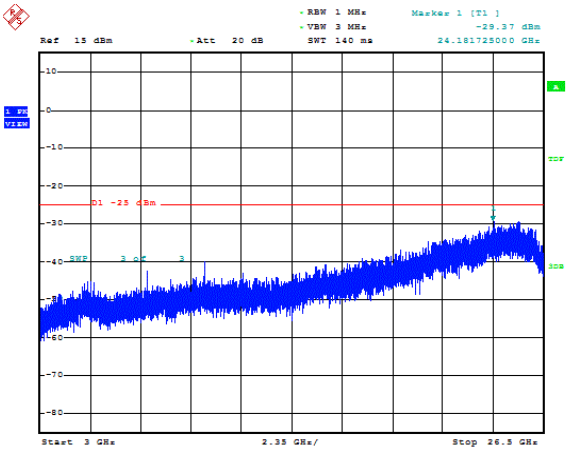
Date: 30.OCT.2020 15:32:58

Band41-20MHz-QPSK-41490-1RB#0-Range2:1000~3000MHz



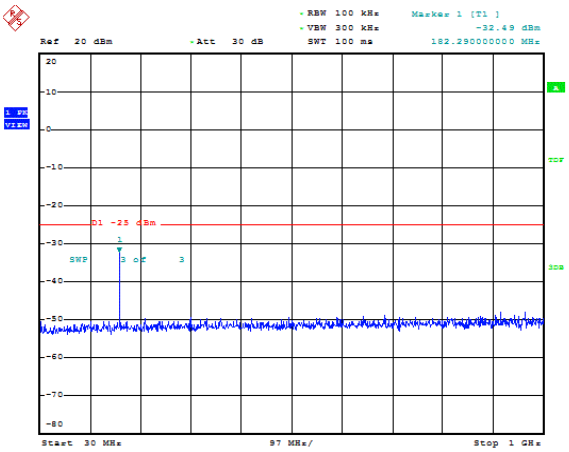
Date: 30.OCT.2020 15:33:07

Band41-20MHz-QPSK-41490-1RB#0-Range3:3000~26500MHz



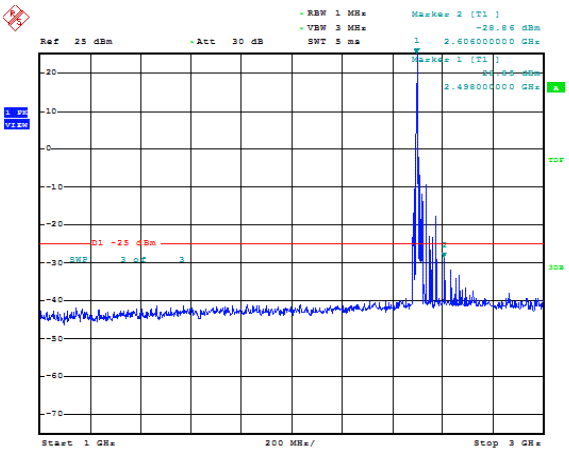
Date: 30.OCT.2020 15:33:15

Band41-20MHz-16QAM-39750-1RB#0-Range1:30~1000MHz



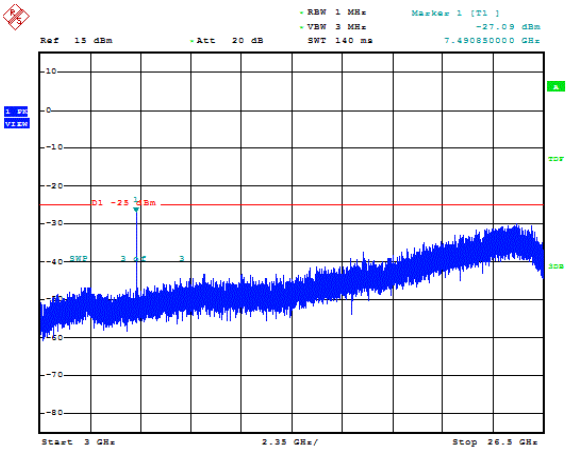
Date: 30.OCT.2020 15:30:46

Band41-20MHz-16QAM-39750-1RB#0-Range2:1000~3000MHz



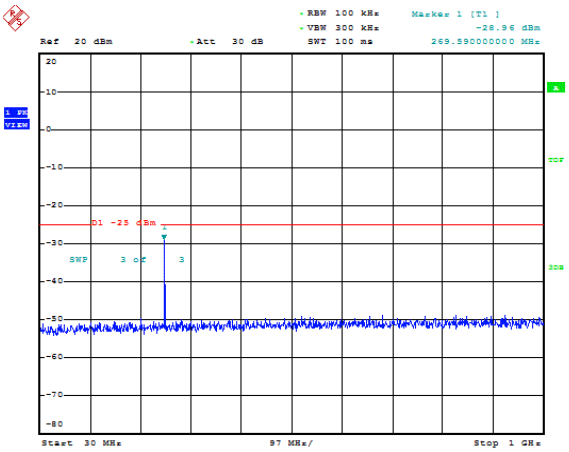
Date: 30.OCT.2020 15:30:54

Band41-20MHz-16QAM-39750-1RB#0-Range3:3000~26500MHz



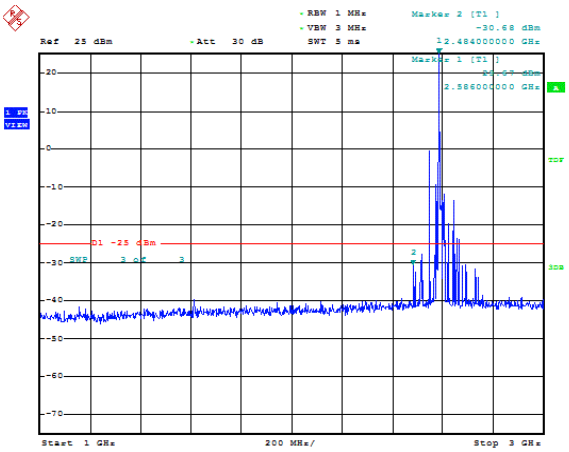
Date: 30.OCT.2020 15:31:02

Band41-20MHz-16QAM-40620-1RB#0-Range1:30~1000MHz



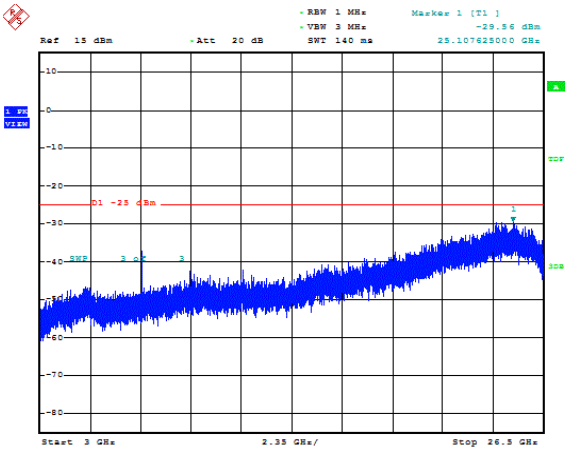
Date: 30.OCT.2020 15:31:38

Band41-20MHz-16QAM-40620-1RB#0-Range2:1000~3000MHz



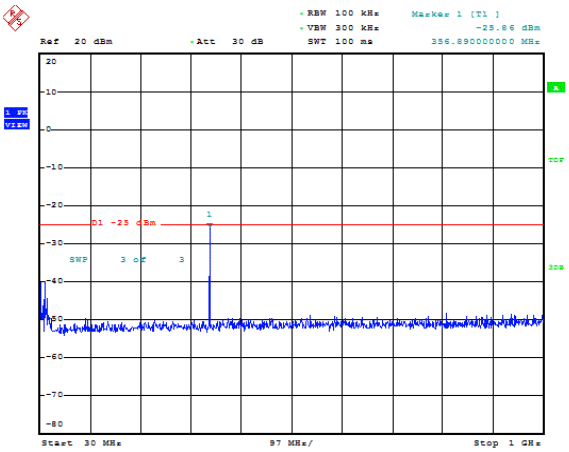
Date: 30.OCT.2020 15:31:46

Band41-20MHz-16QAM-40620-1RB#0-Range3:3000~26500MHz



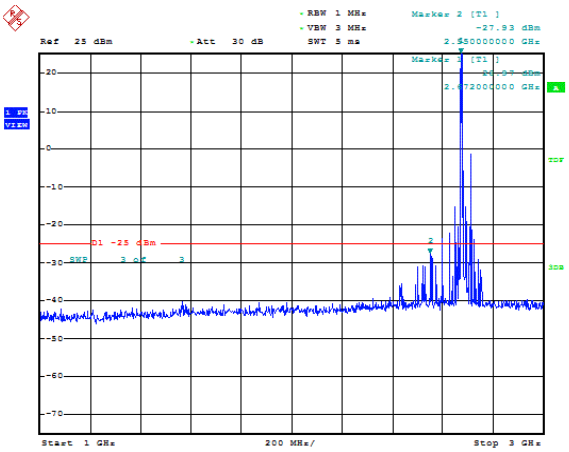
Date: 30.OCT.2020 15:31:54

Band41-20MHz-16QAM-41490-1RB#0-Range1:30~1000MHz



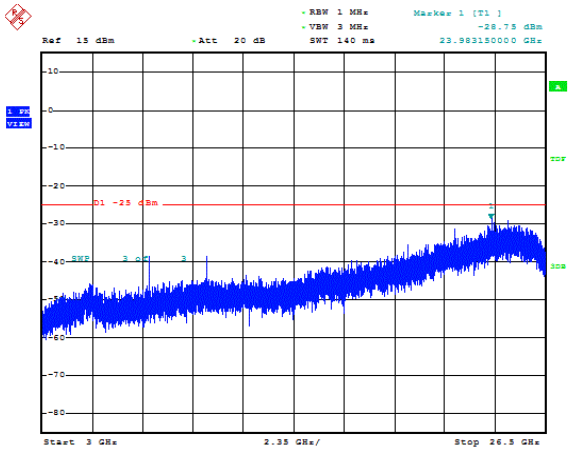
Date: 30.OCT.2020 15:34:25

Band41-20MHz-16QAM-41490-1RB#0-Range2:1000~3000MHz



Date: 30.OCT.2020 15:34:33

Band41-20MHz-16QAM-41490-1RB#0-Range3:3000~26500MHz



Date: 30.OCT.2020 15:34:41

1.6. Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	VL	NT	4.69	0.001877	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	VN	NT	8.00	0.003202	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	VH	NT	3.81	0.001525	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	VL	NT	4.13	0.001593	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	VN	NT	4.88	0.001882	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	VH	NT	8.40	0.003239	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	VL	NT	3.99	0.001485	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	VN	NT	4.41	0.001641	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	VH	NT	-3.92	-0.001459	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	VL	NT	7.94	0.003178	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	VN	NT	10.37	0.004150	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	VH	NT	7.18	0.002874	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	VL	NT	-5.75	-0.002218	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	VN	NT	-4.58	-0.001766	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	VH	NT	7.27	0.002804	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	VL	NT	-4.99	-0.001857	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	VN	NT	8.24	0.003066	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	VH	NT	4.21	0.001567	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	VL	NT	15.01	0.006002	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	VN	NT	17.87	0.007145	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	VH	NT	8.50	0.003399	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	VL	NT	8.67	0.003344	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	VN	NT	8.91	0.003436	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	VH	NT	9.84	0.003795	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	VL	NT	12.35	0.004600	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	VN	NT	10.90	0.004060	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	VH	NT	15.52	0.005780	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	VL	NT	10.53	0.004210	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	VN	NT	13.38	0.005350	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	VH	NT	16.34	0.006533	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	VL	NT	-5.16	-0.001990	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	VN	NT	10.76	0.004150	±2.5	PASS

Band41	10MHz	16QAM	40620	50RB#0	VH	NT	13.59	0.005241	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	VL	NT	-8.55	-0.003184	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	VN	NT	9.23	0.003438	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	VH	NT	9.44	0.003516	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	VL	NT	8.33	0.003327	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	VN	NT	-12.35	-0.004933	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	VH	NT	5.02	0.002005	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	VL	NT	7.27	0.002804	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	VN	NT	4.53	0.001747	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	VH	NT	7.48	0.002885	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	VL	NT	6.45	0.002404	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	VN	NT	3.58	0.001335	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	VH	NT	9.01	0.003359	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	VL	NT	-5.99	-0.002393	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	VN	NT	-5.78	-0.002309	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	VH	NT	-10.99	-0.004390	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	VL	NT	7.61	0.002935	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	VN	NT	7.87	0.003035	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	VH	NT	10.10	0.003895	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	VL	NT	-4.89	-0.001823	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	VN	NT	5.12	0.001909	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	VH	NT	9.17	0.003418	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VL	NT	-4.36	-0.001740	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VN	NT	8.25	0.003292	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VH	NT	6.47	0.002582	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VL	NT	3.36	0.001296	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VN	NT	-6.24	-0.002406	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VH	NT	7.58	0.002923	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VL	NT	10.33	0.003854	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VN	NT	10.59	0.003951	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VH	NT	-68.34	-0.025500	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VL	NT	7.47	0.002981	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VN	NT	-4.69	-0.001872	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VH	NT	8.77	0.003500	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VL	NT	6.37	0.002457	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VN	NT	6.61	0.002549	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VH	NT	7.37	0.002842	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VL	NT	3.28	0.001224	±2.5	PASS

Band41	20MHz	16QAM	41490	100RB#0	VN	NT	10.21	0.003810	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VH	NT	-4.84	-0.001806	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	NV	-10	7.52	0.003010	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	0	7.87	0.003150	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	10	8.67	0.003470	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	20	2.99	0.001197	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	30	4.88	0.001953	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	40	3.59	0.001437	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	50	7.42	0.002970	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	-10	6.65	0.002565	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	0	7.67	0.002958	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	10	7.52	0.002900	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	20	8.94	0.003448	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	30	-6.81	-0.002626	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	40	-4.33	-0.001670	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	50	7.61	0.002935	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	-10	2.36	0.000878	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	0	8.61	0.003204	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	10	4.89	0.001820	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	20	3.82	0.001421	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	30	11.29	0.004201	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	40	-3.69	-0.001373	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	50	9.37	0.003487	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	-10	7.78	0.003114	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	0	8.05	0.003222	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	10	6.74	0.002698	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	20	8.43	0.003374	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	30	6.92	0.002770	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	40	8.05	0.003222	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	50	8.05	0.003222	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	-10	9.31	0.003590	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	0	9.71	0.003745	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	10	5.91	0.002279	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	20	-7.85	-0.003027	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	30	10.06	0.003880	±2.5	PASS

Band41	5MHz	16QAM	40620	25RB#0	NV	40	8.17	0.003151	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	50	-4.58	-0.001766	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	-10	-5.66	-0.002106	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	0	4.33	0.001611	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	10	-4.52	-0.001682	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	20	4.53	0.001686	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	30	2.45	0.000912	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	40	9.70	0.003609	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	50	6.02	0.002240	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	-10	12.92	0.005166	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	0	11.29	0.004514	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	10	11.92	0.004766	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	20	15.94	0.006373	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	30	15.56	0.006222	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	40	12.57	0.005026	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	50	13.92	0.005566	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	-10	9.00	0.003471	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	0	7.50	0.002892	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	10	11.47	0.004423	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	20	9.74	0.003756	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	30	10.77	0.004153	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	40	-6.81	-0.002626	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	50	11.82	0.004558	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	-10	7.74	0.002883	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	0	7.20	0.002682	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	10	14.99	0.005583	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	20	6.84	0.002547	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	30	5.79	0.002156	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	40	12.62	0.004700	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	50	13.46	0.005013	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	-10	16.62	0.006645	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	0	11.39	0.004554	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	10	12.80	0.005118	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	20	17.52	0.007005	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	30	13.36	0.005342	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	40	11.43	0.004570	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	50	14.32	0.005726	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	-10	13.15	0.005071	±2.5	PASS

Band41	10MHz	16QAM	40620	50RB#0	NV	0	15.79	0.006089	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	10	8.78	0.003386	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	20	11.86	0.004574	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	30	9.28	0.003579	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	40	12.40	0.004782	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	50	9.14	0.003525	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	-10	-7.38	-0.002749	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	0	8.74	0.003255	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	10	10.01	0.003728	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	20	-9.98	-0.003717	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	30	9.17	0.003415	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	40	5.56	0.002071	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	50	12.85	0.004786	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	-10	-4.46	-0.001782	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	0	-10.79	-0.004310	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	10	-9.76	-0.003899	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	20	-10.40	-0.004154	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	30	-11.52	-0.004602	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	40	3.86	0.001542	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	50	-5.98	-0.002389	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	-10	5.91	0.002279	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	0	6.65	0.002565	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	10	5.99	0.002310	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	20	7.58	0.002923	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	30	9.57	0.003691	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	40	6.55	0.002526	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	50	7.20	0.002777	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	-10	7.67	0.002859	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	0	10.13	0.003776	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	10	10.03	0.003739	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	20	11.90	0.004436	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	30	8.96	0.003340	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	40	6.74	0.002513	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	50	9.04	0.003370	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	-10	-10.84	-0.004330	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	0	-11.29	-0.004510	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	10	-5.01	-0.002001	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	20	-9.57	-0.003823	±2.5	PASS

Band41	15MHz	16QAM	39725	75RB#0	NV	30	-10.27	-0.004102	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	40	-6.59	-0.002632	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	50	-5.22	-0.002085	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	-10	4.25	0.001639	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	0	5.32	0.002052	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	10	6.51	0.002511	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	20	5.29	0.002040	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	30	-3.79	-0.001462	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	40	9.07	0.003498	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	50	-4.42	-0.001705	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	-10	8.38	0.003124	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	0	10.04	0.003743	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	10	10.16	0.003788	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	20	7.21	0.002688	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	30	3.35	0.001249	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	40	10.44	0.003892	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	50	7.44	0.002774	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-10	6.87	0.002741	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	0	5.38	0.002147	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	10	5.06	0.002019	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	20	8.98	0.003583	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	30	-6.38	-0.002546	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	40	-5.24	-0.002091	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	50	-6.25	-0.002494	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-10	7.68	0.002962	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	0	7.78	0.003000	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	10	9.73	0.003752	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	20	3.38	0.001304	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	30	9.76	0.003764	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	40	4.91	0.001894	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	50	6.78	0.002615	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-10	7.60	0.002836	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	0	6.34	0.002366	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	10	7.77	0.002899	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	20	9.36	0.003493	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	30	7.24	0.002701	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	40	3.83	0.001429	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	50	7.44	0.002776	±2.5	PASS

Band41	20MHz	16QAM	39750	100RB#0	NV	-10	11.66	0.004653	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	0	7.41	0.002957	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	10	3.25	0.001297	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	20	9.54	0.003807	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	30	5.98	0.002386	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	40	54.52	0.021756	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	50	-55.56	-0.022171	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-10	8.85	0.003413	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	0	7.04	0.002715	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	10	4.13	0.001593	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	20	8.75	0.003374	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	30	7.70	0.002970	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	40	8.11	0.003128	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	50	8.63	0.003328	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-10	5.66	0.002112	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	0	5.22	0.001948	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	10	9.01	0.003362	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	20	3.60	0.001343	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	30	5.01	0.001869	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	40	3.65	0.001362	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	50	3.48	0.001299	±2.5	PASS

----------END----------