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Main RF module appendix for LTE Band 2

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 2				Actual output Power (dBm)		
Band-width	Modulation	RB allocation	RB offset	Low	Middle	High
1.4	QPSK	1	Low	23.29	23.34	23.40
			Middle	23.20	23.30	23.20
			High	23.24	23.25	23.28
		3	Low	21.87	21.84	21.71
			Middle	21.85	21.90	21.64
			High	21.82	21.76	21.61
		6	/	21.79	21.48	21.12
	16QAM	1	Low	23.01	22.98	23.00
			Middle	22.98	22.91	22.78
			High	22.91	22.91	22.91
		3	Low	21.21	21.18	21.17
			Middle	21.19	21.12	20.97
			High	21.12	21.11	21.09
		6	/	20.90	20.91	20.79
3	QPSK	1	Low	23.36	23.32	23.36
			Middle	23.26	23.28	23.16
			High	23.31	23.23	23.25
		8	Low	21.93	21.82	21.68
			Middle	21.91	21.88	21.61
			High	21.88	21.74	21.57
		15	/	21.85	21.47	21.09
	16QAM	1	Low	23.07	22.96	22.97
			Middle	23.05	22.90	22.74
			High	22.98	22.89	22.87
		8	Low	21.27	21.16	21.14
			Middle	21.25	21.10	20.93
			High	21.18	21.09	21.05
		15	/	20.96	20.89	20.76

5	QPSK	1	Low	23.31	23.37	23.32
			Middle	23.21	23.33	23.12
			High	23.26	23.28	23.21
		12	Low	21.88	21.87	21.64
			Middle	21.87	21.92	21.57
			High	21.84	21.79	21.54
		25	/	21.81	21.51	21.05
	16QAM	1	Low	23.03	23.01	22.93
			Middle	23.00	22.94	22.71
			High	22.93	22.94	22.84
		12	Low	21.23	21.21	21.10
			Middle	21.20	21.15	20.90
			High	21.14	21.14	21.02
		25	/	20.91	20.94	20.72
10	QPSK	1	Low	23.28	23.39	23.31
			Middle	23.19	23.36	23.11
			High	23.23	23.31	23.19
		25	Low	21.86	21.90	21.63
			Middle	21.84	21.95	21.56
			High	21.81	21.81	21.52
		50	/	21.78	21.54	21.04
	16QAM	1	Low	23.00	23.04	22.91
			Middle	22.97	22.97	22.69
			High	22.91	22.96	22.82
		25	Low	21.20	21.23	21.09
			Middle	21.18	21.17	20.88
			High	21.12	21.16	21.00
		50	/	20.89	20.96	20.71
15	QPSK	1	Low	23.33	23.36	23.33
			Middle	23.24	23.33	23.14
			High	23.28	23.28	23.22
		38	Low	21.90	21.87	21.65
			Middle	21.89	21.92	21.58
			High	21.86	21.79	21.55
		75	/	21.83	21.51	21.06
	16QAM	1	Low	23.05	23.01	22.94
			Middle	23.02	22.94	22.72

			High	22.95	22.93	22.85
		38	Low	21.25	21.20	21.11
			Middle	21.22	21.14	20.91
			High	21.16	21.14	21.03
		75	/	20.93	20.93	20.73
20	QPSK	1	Low	23.38	**23.44**	23.41
			Middle	23.29	23.41	23.21
			High	23.33	23.35	23.30
		50	Low	21.95	21.94	21.73
			Middle	21.93	21.99	21.65
			High	21.91	21.86	21.62
		100	/	21.87	21.58	21.13
	16QAM	1	Low	22.78	22.81	22.77
			Middle	22.75	22.75	22.55
			High	22.69	22.74	22.68
		50	Low	21.00	21.02	20.96
			Middle	20.98	20.96	20.75
			High	20.92	20.95	20.87
		100	/	20.69	20.75	20.58

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

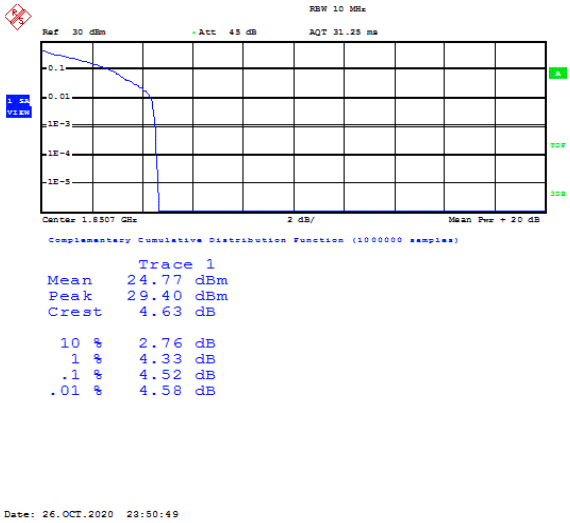
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	4.52	13	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	5.16	13	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	4.49	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	5.16	13	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	4.46	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	5.13	13	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	5.10	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	6.03	13	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	5.61	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	6.06	13	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	5.67	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	6.03	13	PASS
Band2	3MHz	QPSK	18615	1RB#0	4.52	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	5.13	13	PASS
Band2	3MHz	QPSK	18900	1RB#0	4.52	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	5.22	13	PASS
Band2	3MHz	QPSK	19185	1RB#0	4.20	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	5.26	13	PASS
Band2	3MHz	16QAM	18615	1RB#0	5.38	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	6.03	13	PASS
Band2	3MHz	16QAM	18900	1RB#0	5.35	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	6.06	13	PASS
Band2	3MHz	16QAM	19185	1RB#0	5.38	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	6.15	13	PASS
Band2	5MHz	QPSK	18625	1RB#0	4.42	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	5.22	13	PASS
Band2	5MHz	QPSK	18900	1RB#0	4.55	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.26	13	PASS
Band2	5MHz	QPSK	19175	1RB#0	4.29	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	5.16	13	PASS
Band2	5MHz	16QAM	18625	1RB#0	5.38	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	6.03	13	PASS
Band2	5MHz	16QAM	18900	1RB#0	5.26	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	6.06	13	PASS

Band2	5MHz	16QAM	19175	1RB#0	5.22	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	5.96	13	PASS
Band2	10MHz	QPSK	18650	1RB#0	4.49	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.26	13	PASS
Band2	10MHz	QPSK	18900	1RB#0	4.58	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.16	13	PASS
Band2	10MHz	QPSK	19150	1RB#0	4.65	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	5.10	13	PASS
Band2	10MHz	16QAM	18650	1RB#0	5.32	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	6.25	13	PASS
Band2	10MHz	16QAM	18900	1RB#0	5.42	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	6.22	13	PASS
Band2	10MHz	16QAM	19150	1RB#0	5.45	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	6.12	13	PASS
Band2	15MHz	QPSK	18675	1RB#0	6.38	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.77	13	PASS
Band2	15MHz	QPSK	18900	1RB#0	6.54	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.74	13	PASS
Band2	15MHz	QPSK	19125	1RB#0	4.20	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	5.67	13	PASS
Band2	15MHz	16QAM	18675	1RB#0	3.97	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	6.76	13	PASS
Band2	15MHz	16QAM	18900	1RB#0	6.51	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	6.76	13	PASS
Band2	15MHz	16QAM	19125	1RB#0	4.17	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	6.79	13	PASS
Band2	20MHz	QPSK	18700	1RB#0	6.67	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	6.41	13	PASS
Band2	20MHz	QPSK	18900	1RB#0	6.76	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	6.35	13	PASS
Band2	20MHz	QPSK	19100	1RB#0	4.46	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	6.44	13	PASS
Band2	20MHz	16QAM	18700	1RB#0	6.57	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	7.15	13	PASS
Band2	20MHz	16QAM	18900	1RB#0	6.73	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	7.15	13	PASS
Band2	20MHz	16QAM	19100	1RB#0	4.04	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	7.24	13	PASS

Test Graphs

Band2-1.4MHz-QPSK-18607-1RB#0



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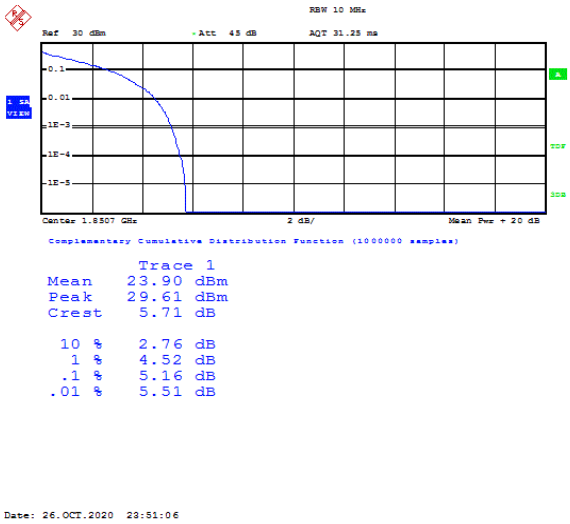

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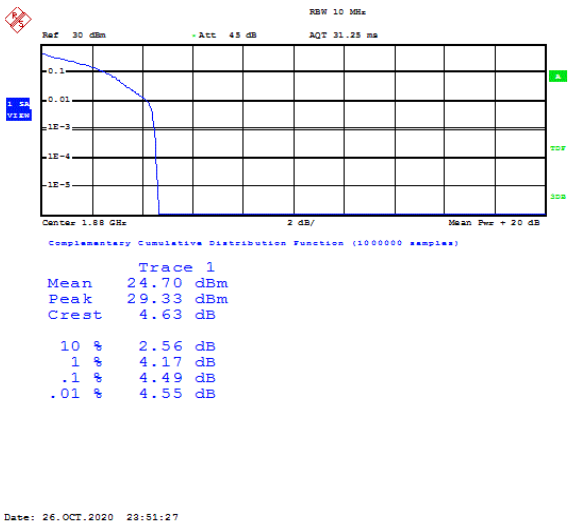

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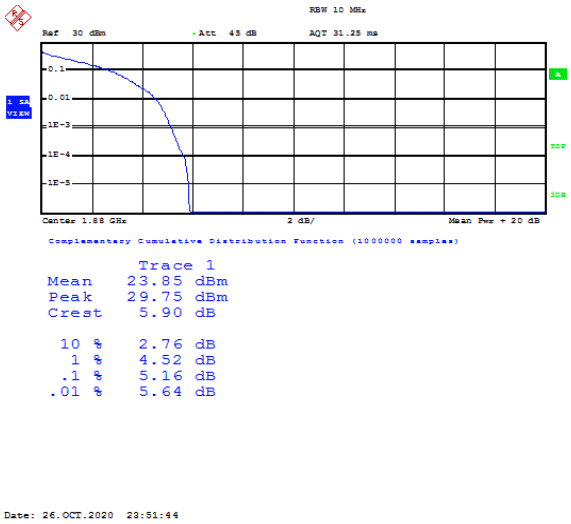

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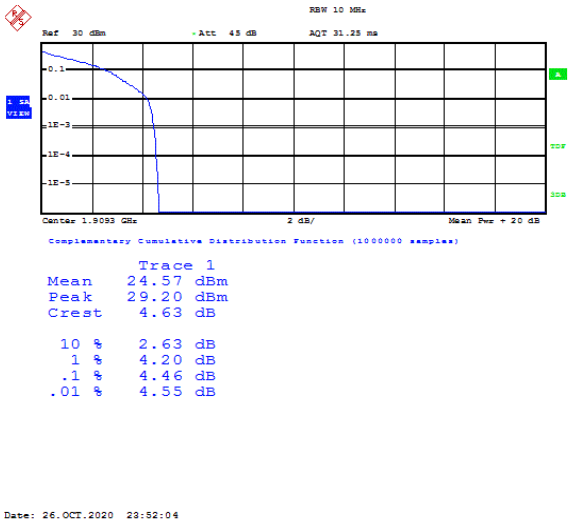

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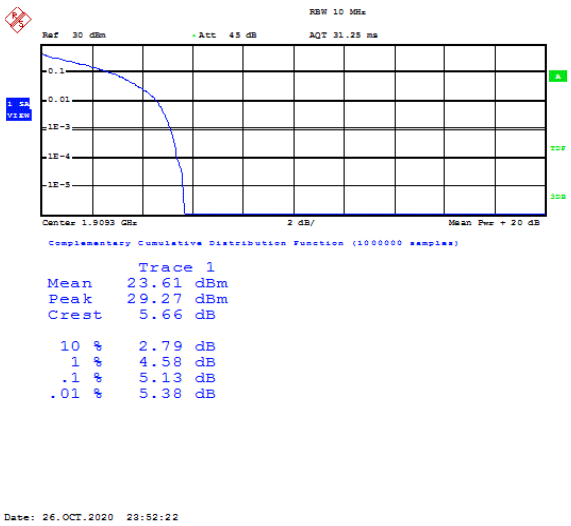

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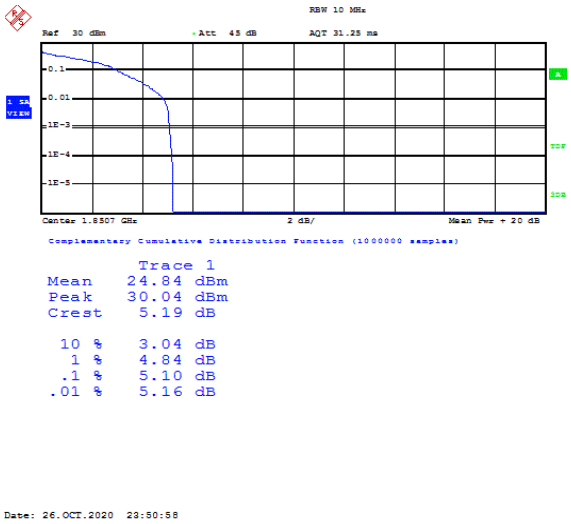

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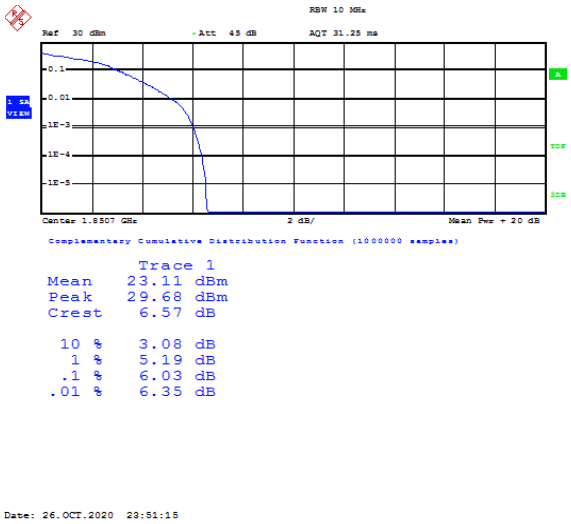

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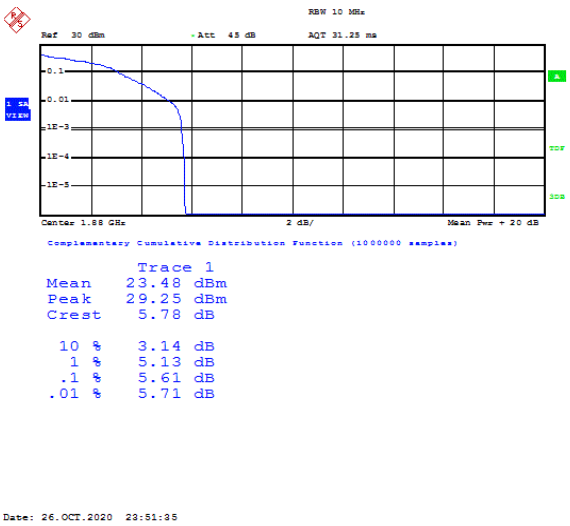

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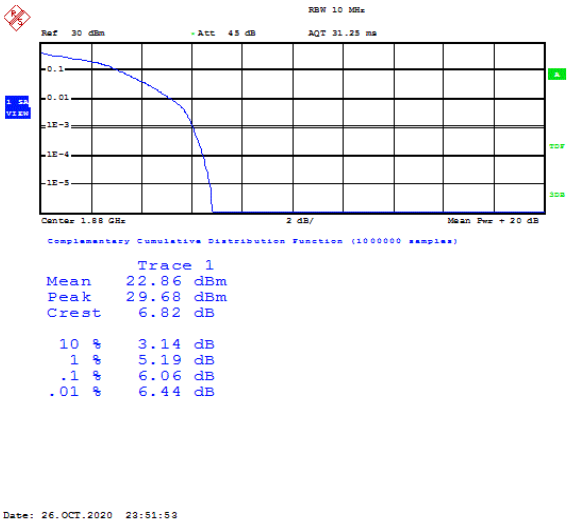

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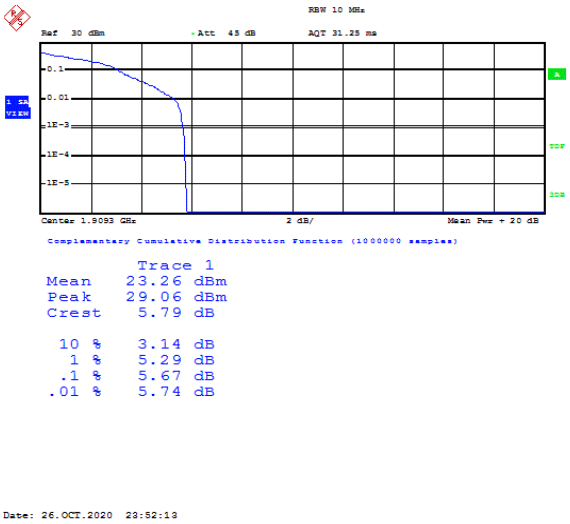

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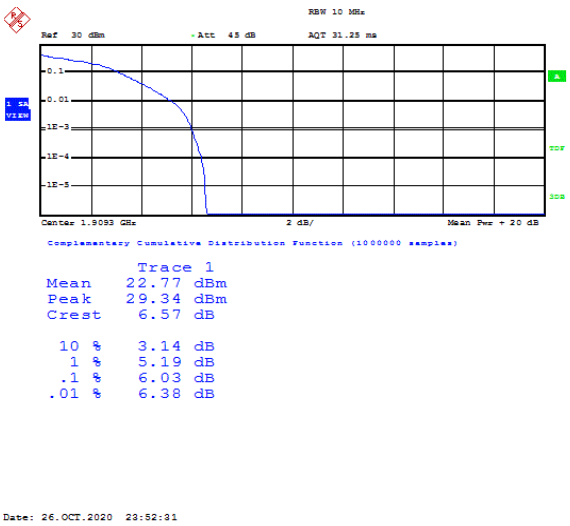

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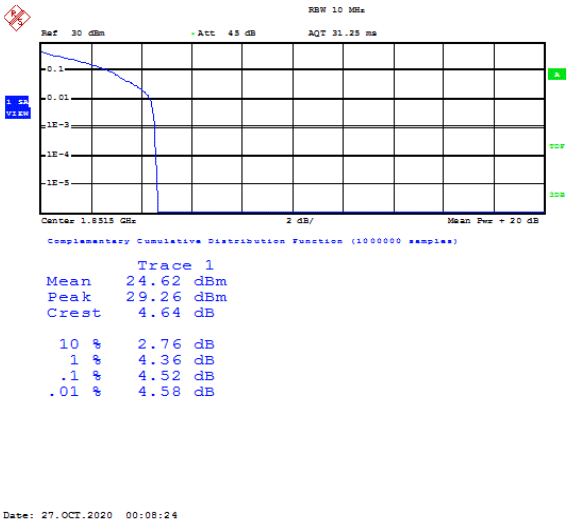

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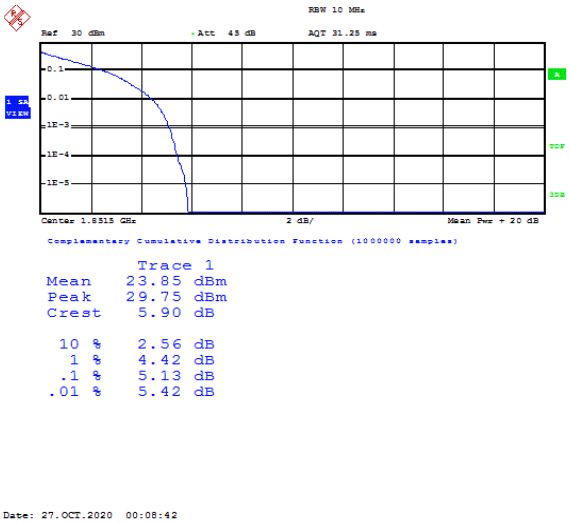

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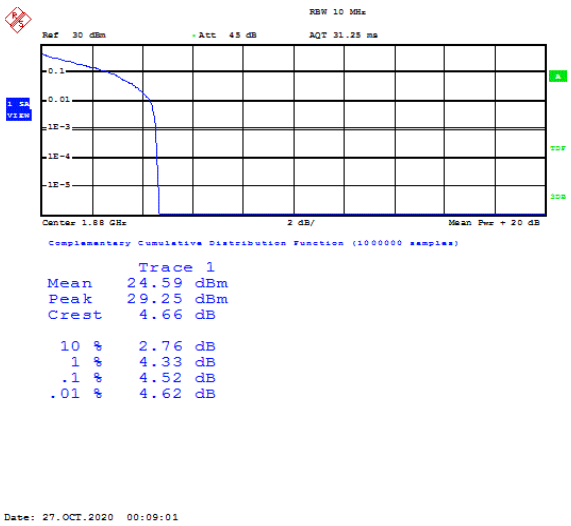

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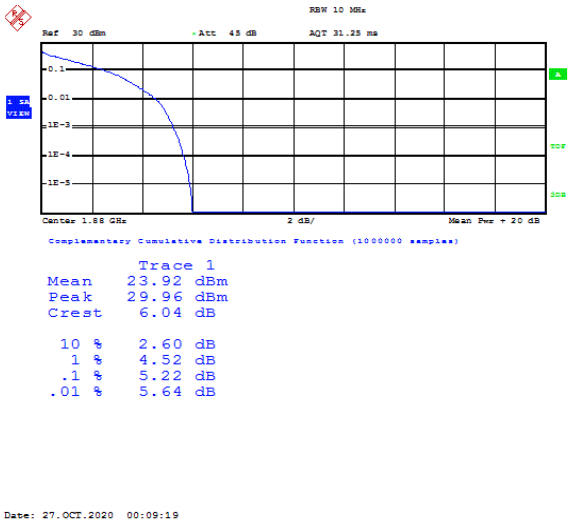

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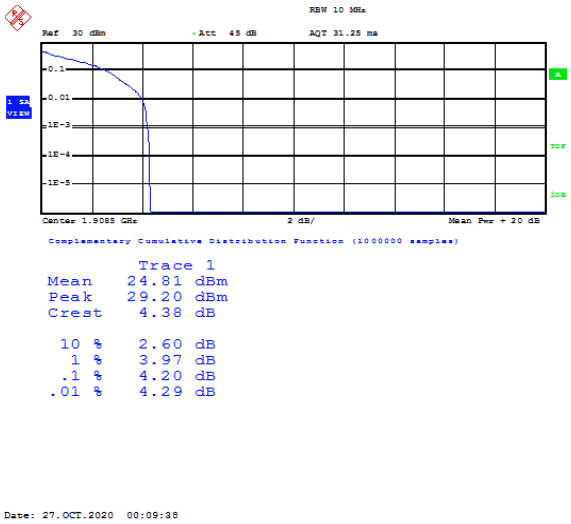

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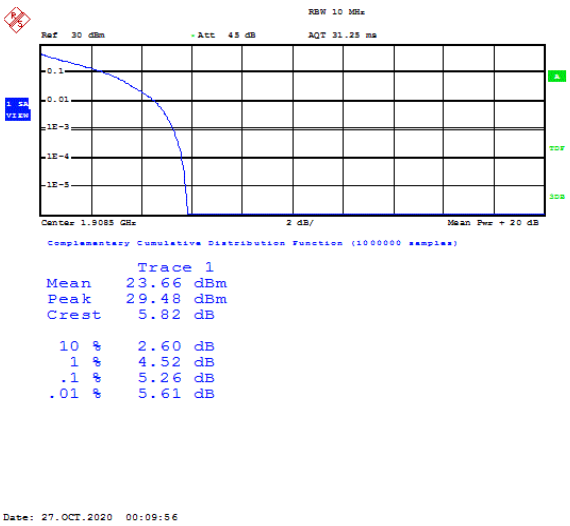

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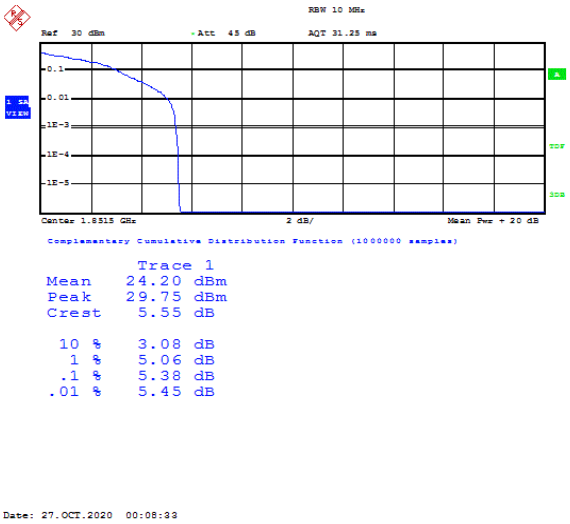

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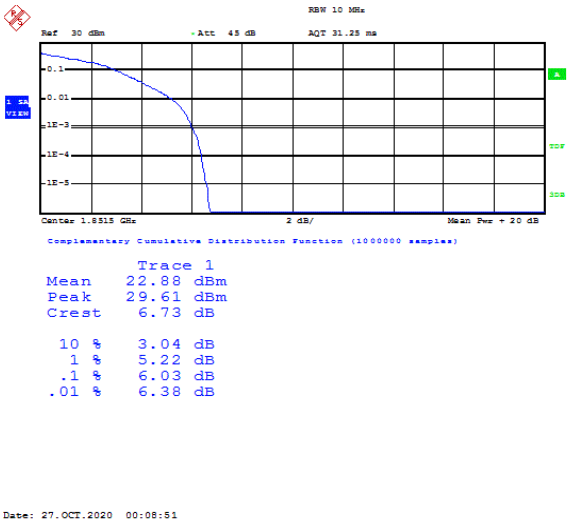

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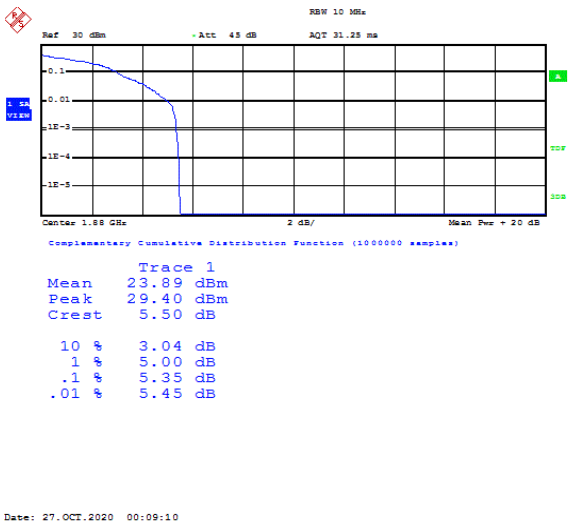

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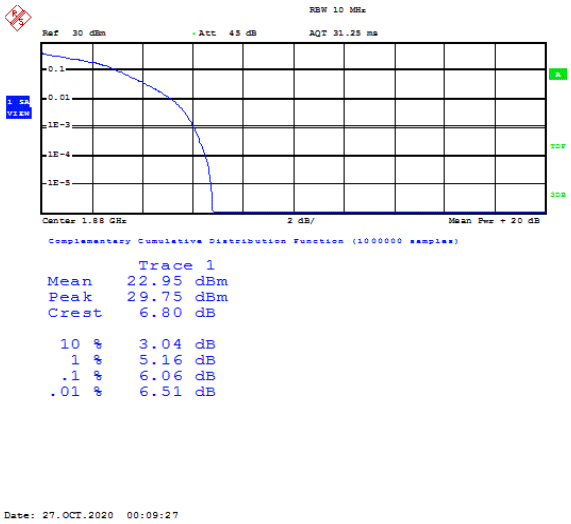

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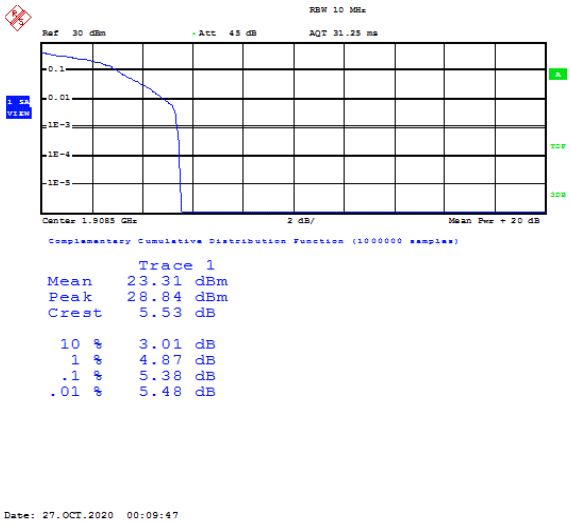

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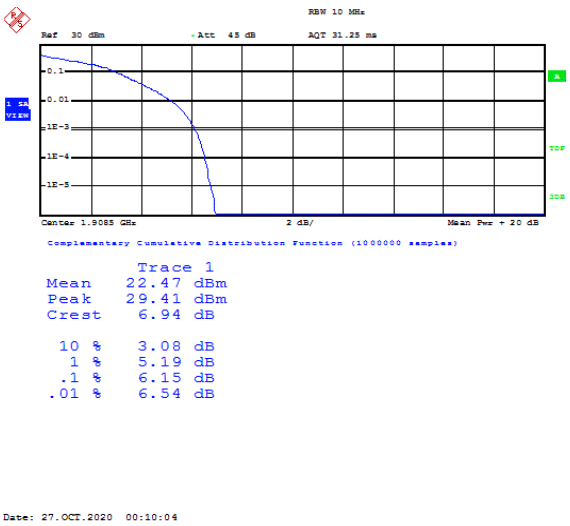

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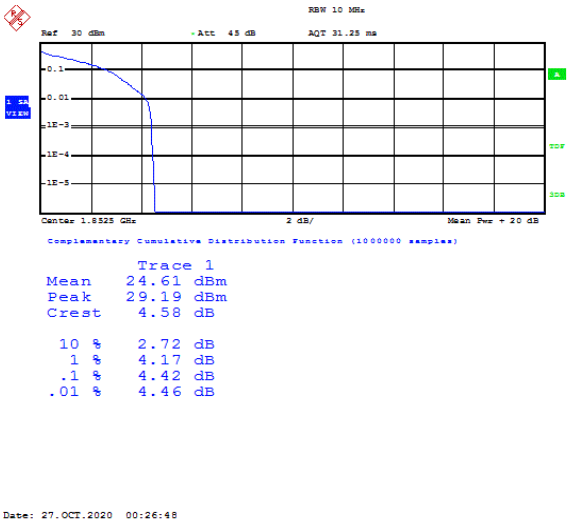

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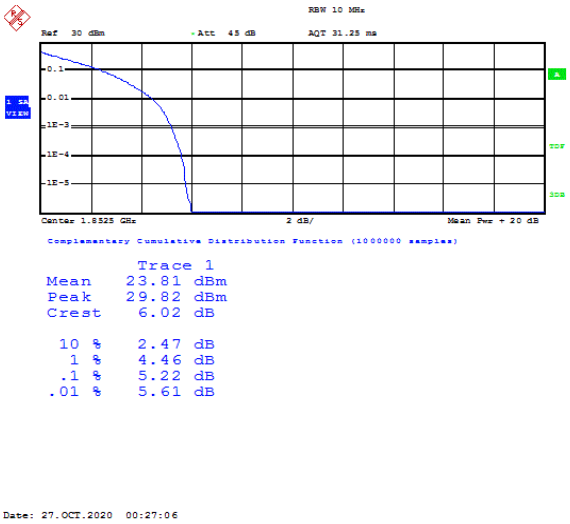

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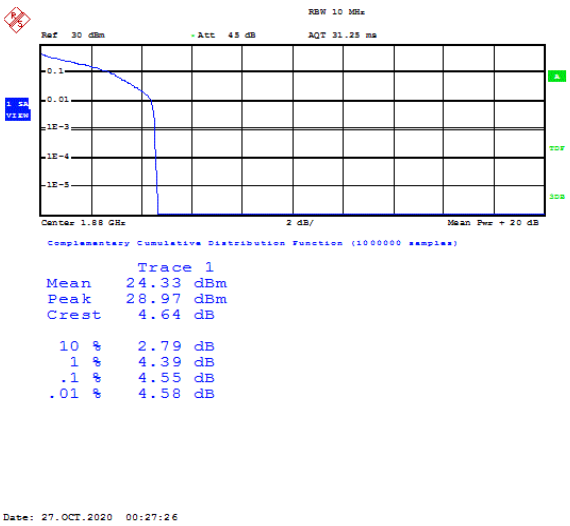

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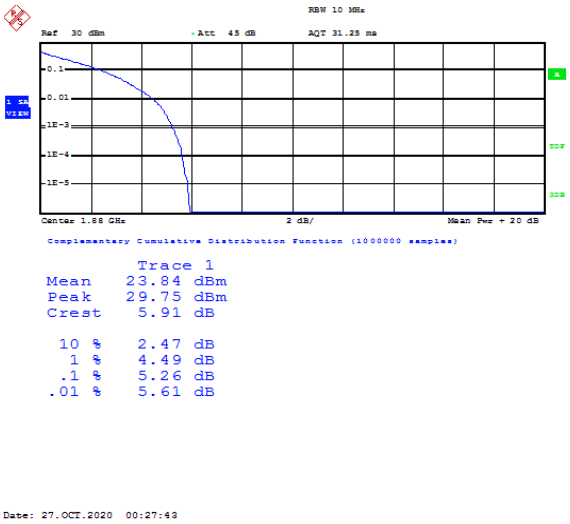

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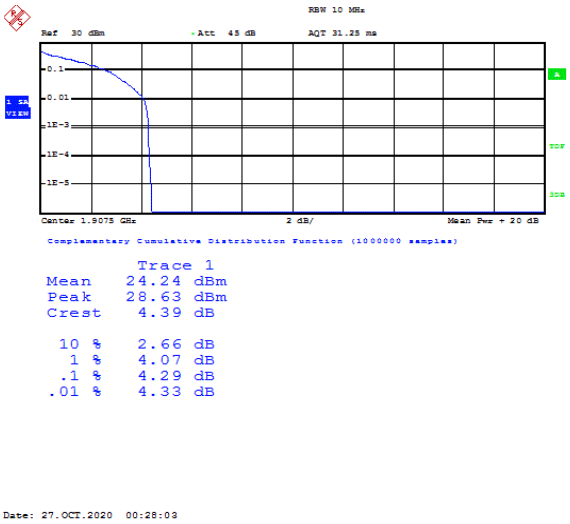

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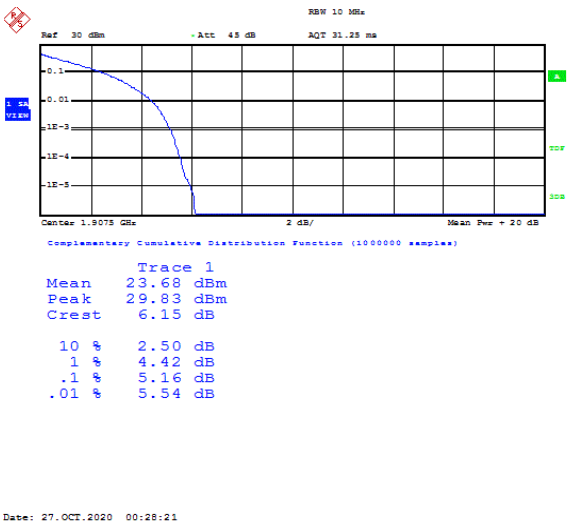

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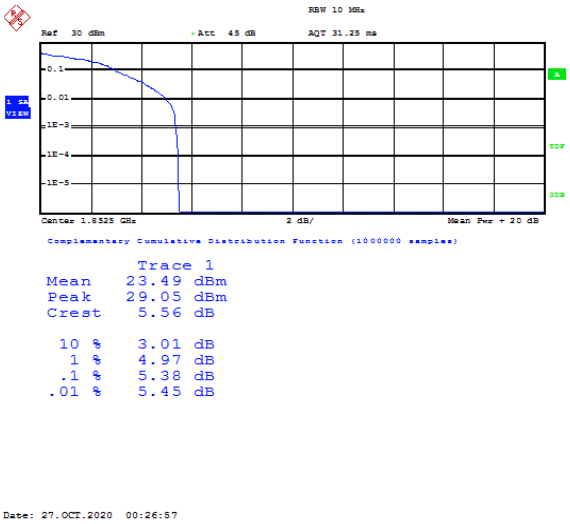

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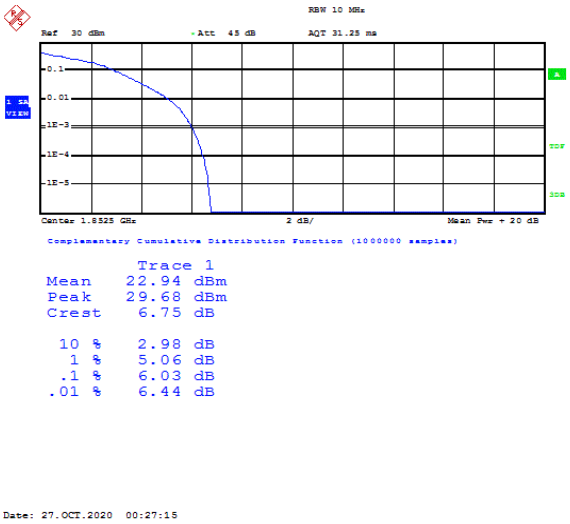

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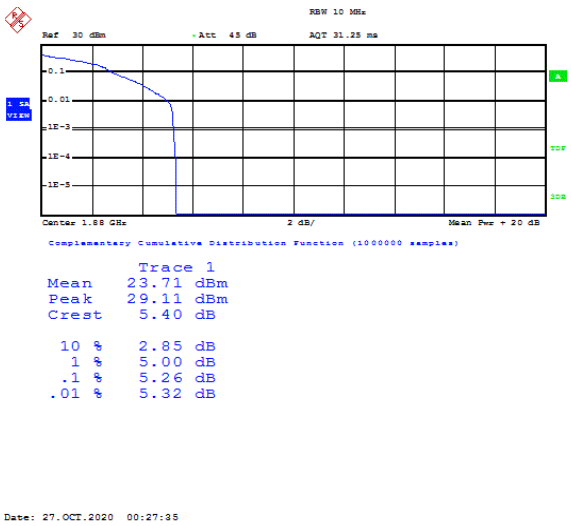

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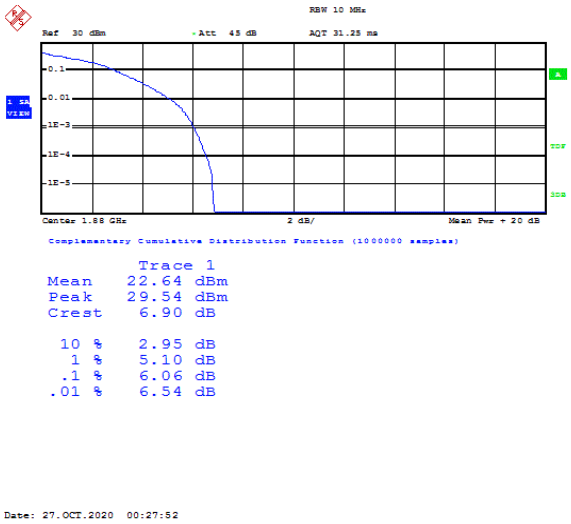

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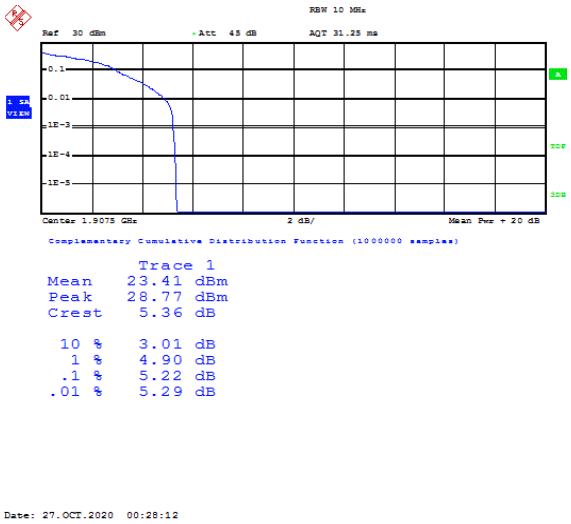

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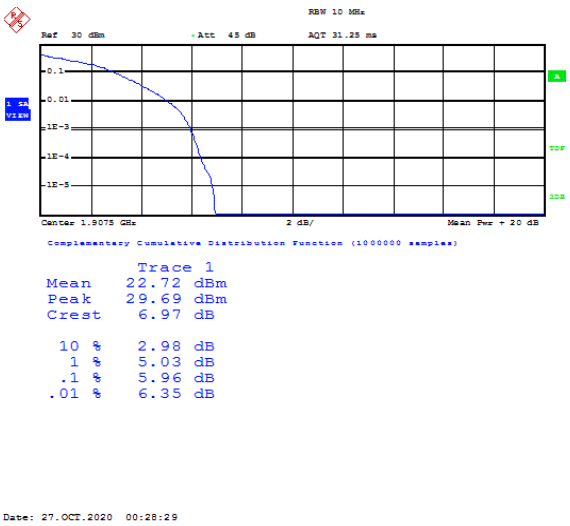

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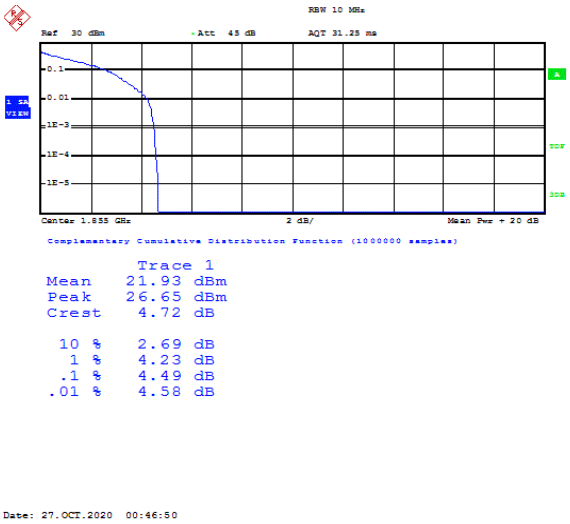

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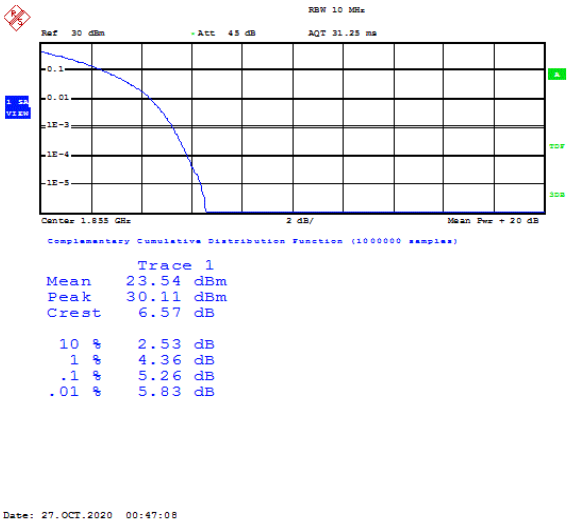

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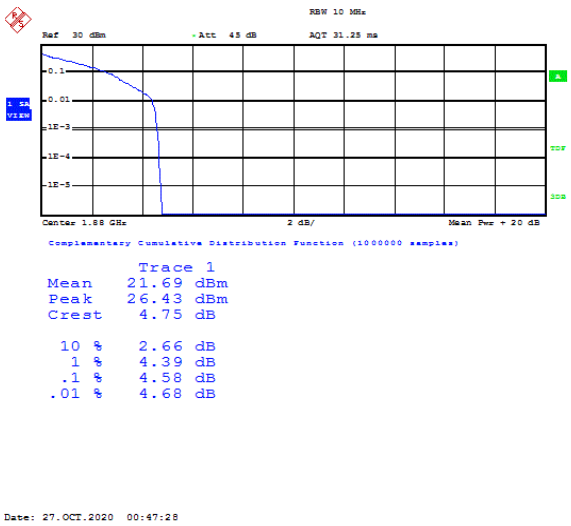

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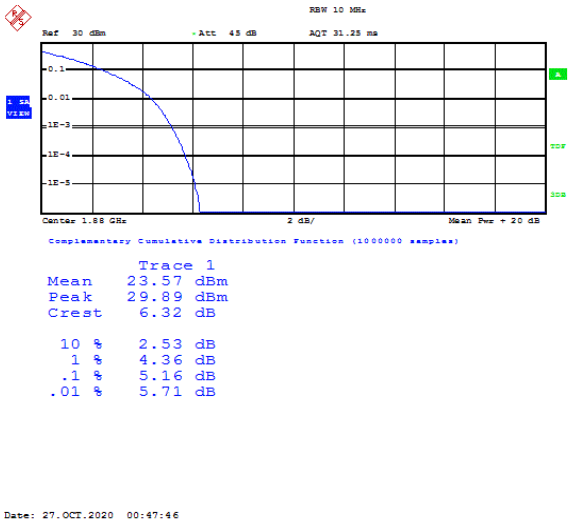

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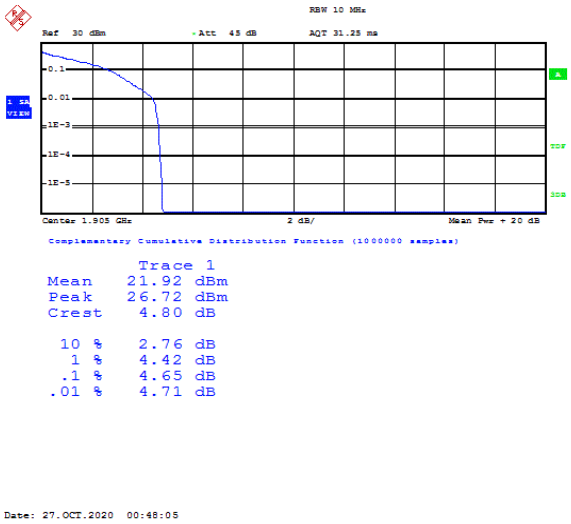

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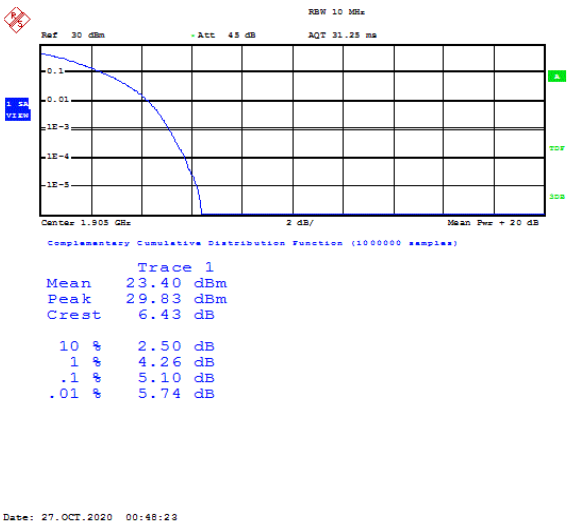

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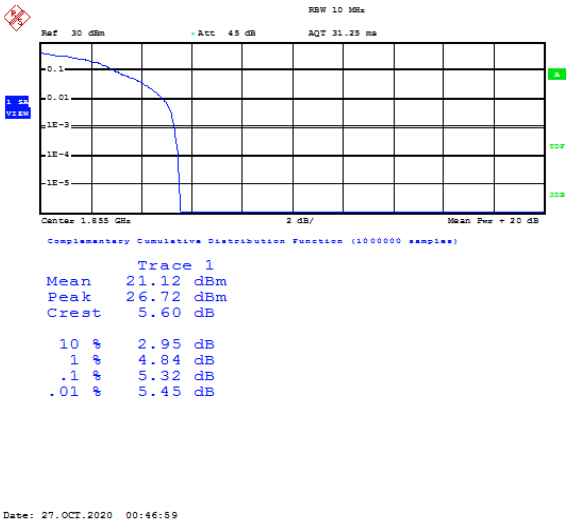

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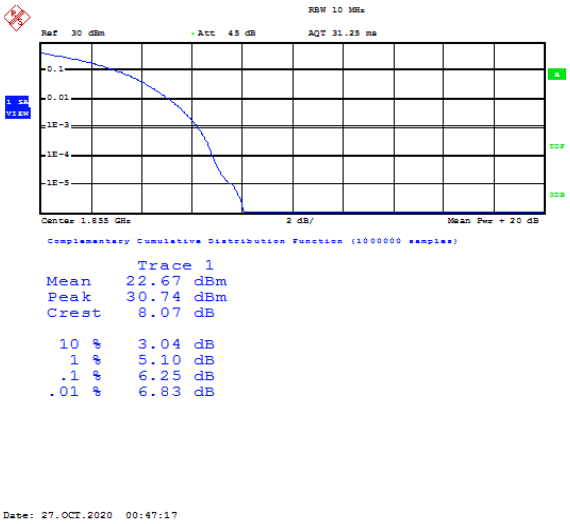

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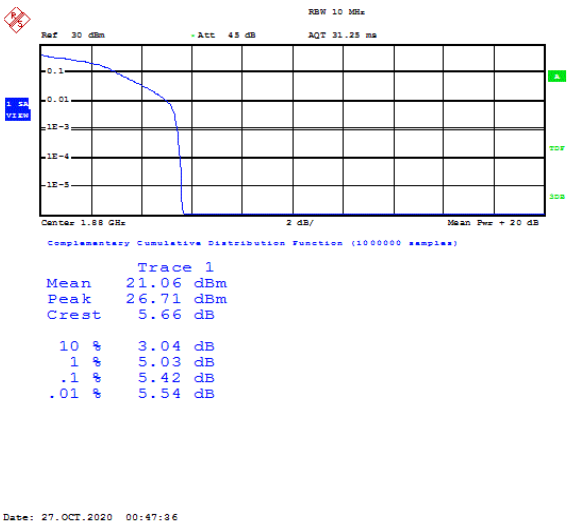

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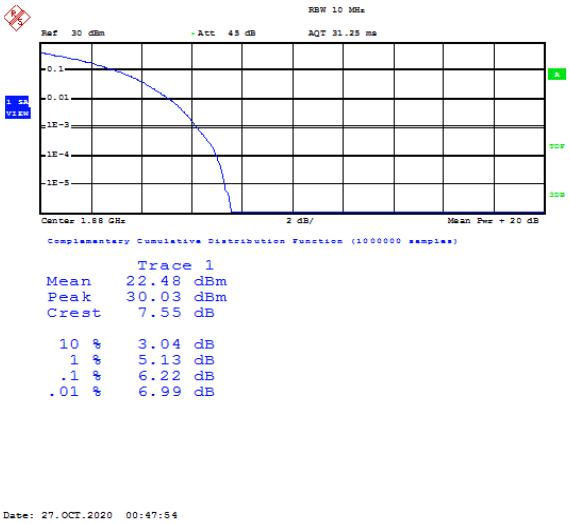

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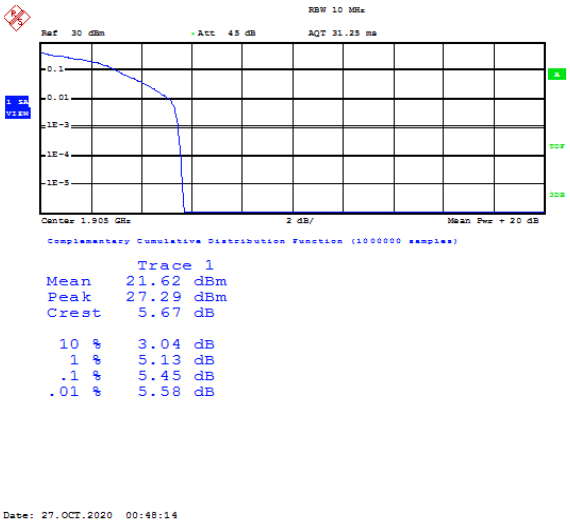

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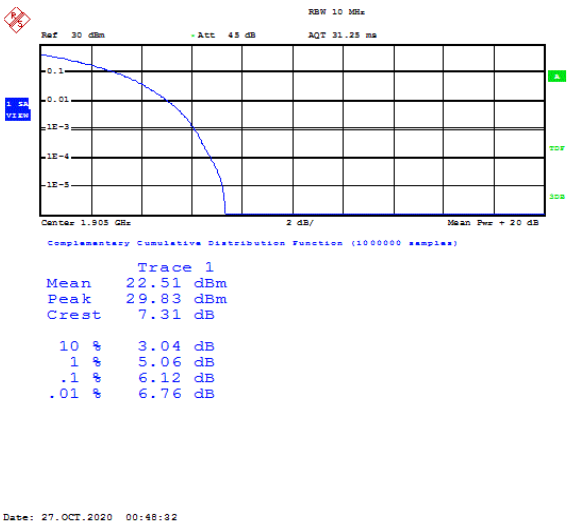

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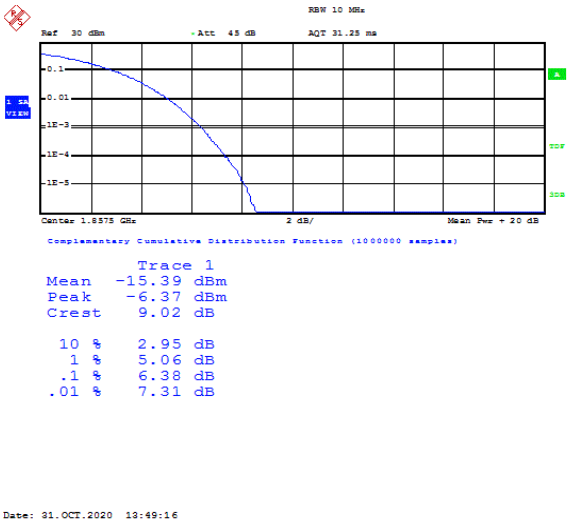

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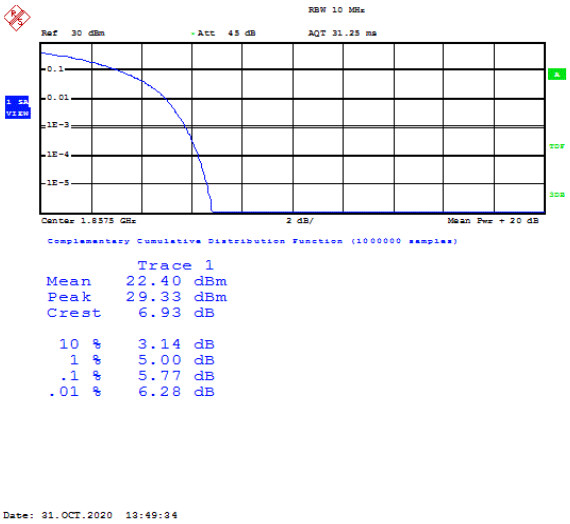

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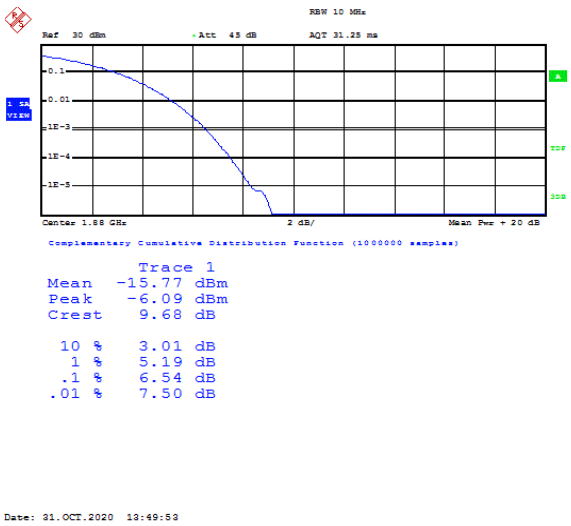

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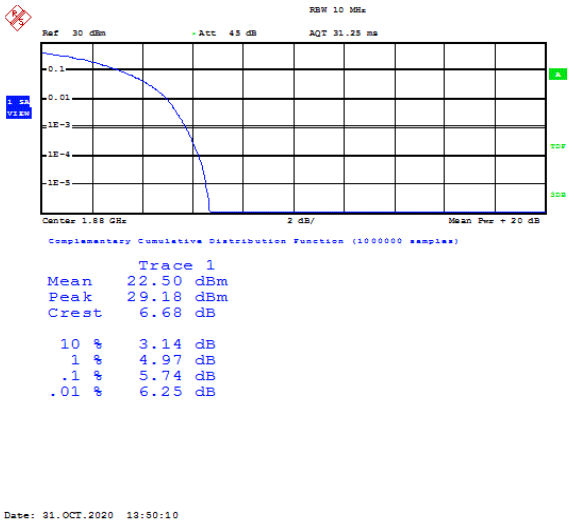

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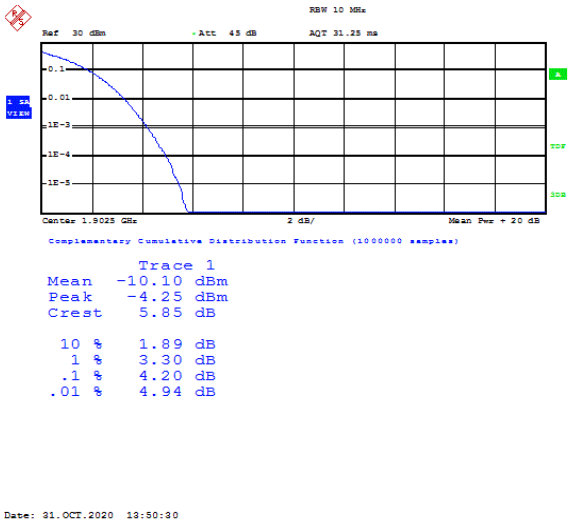

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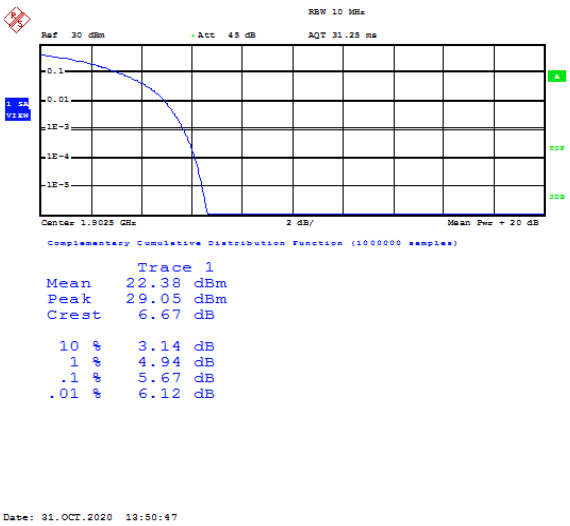

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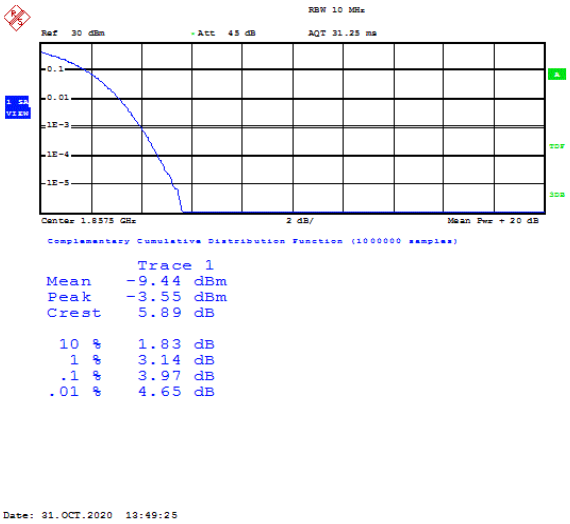

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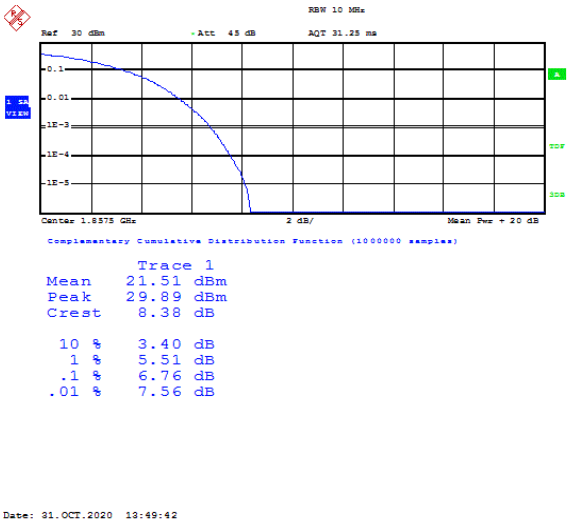

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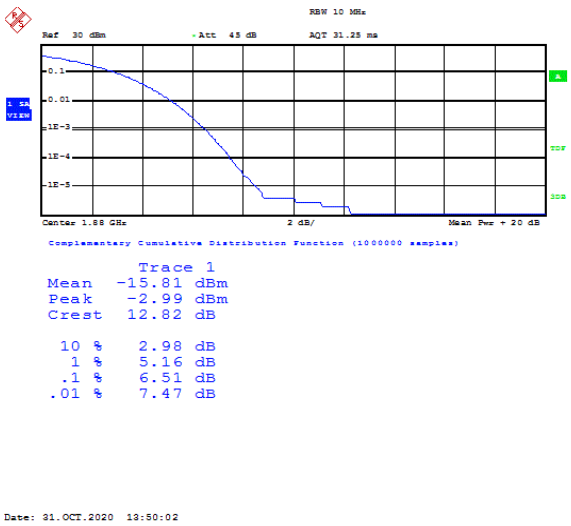

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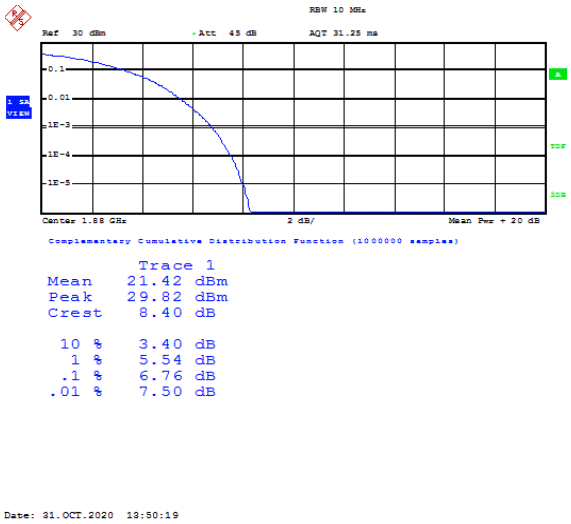

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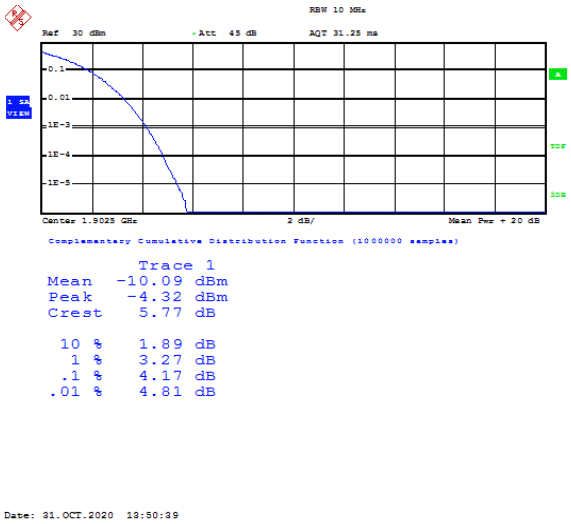

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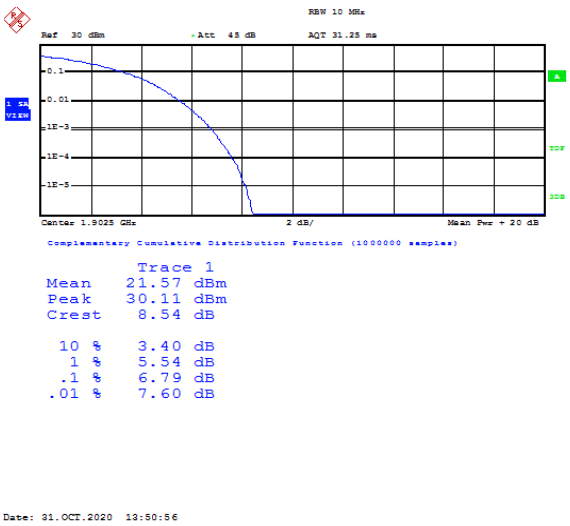

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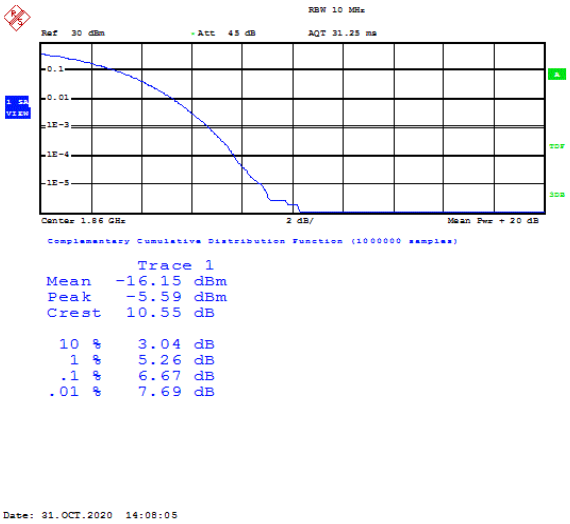

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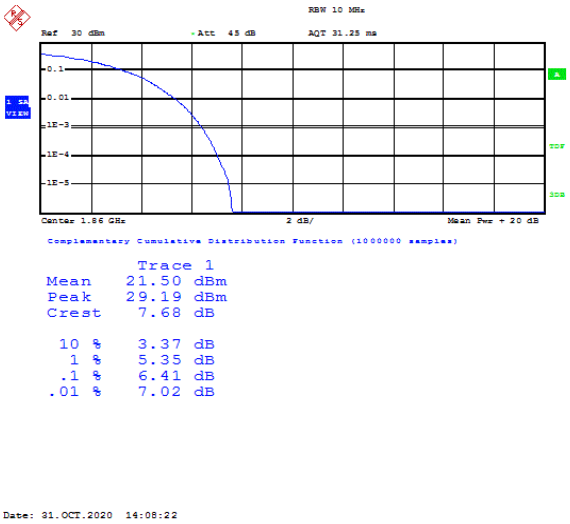

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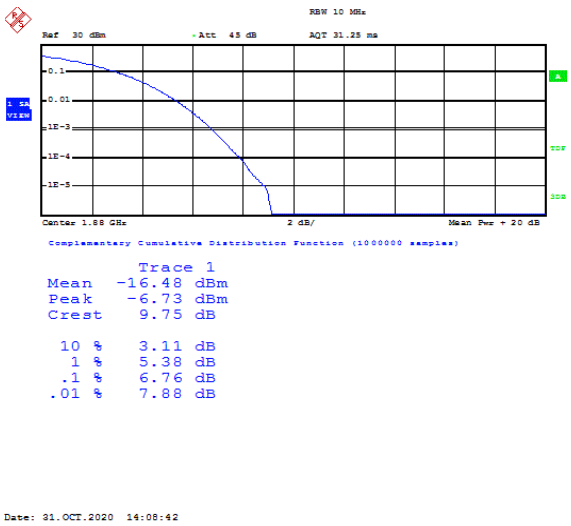

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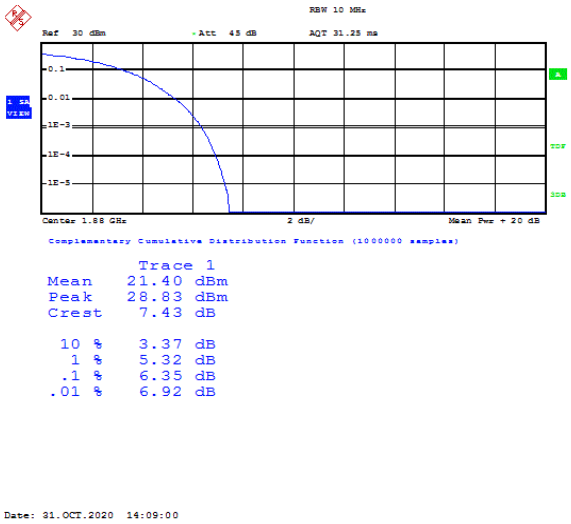

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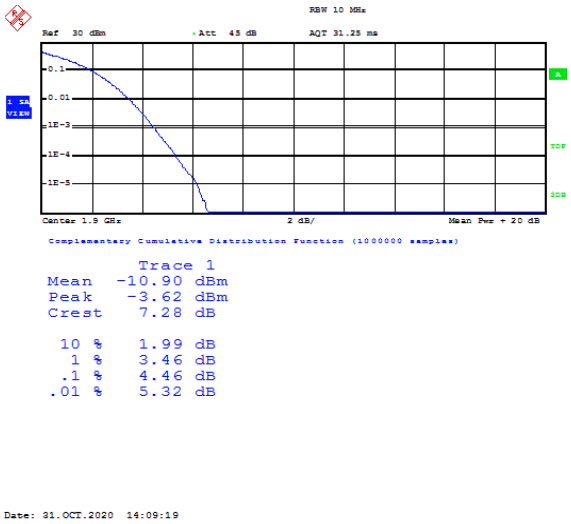

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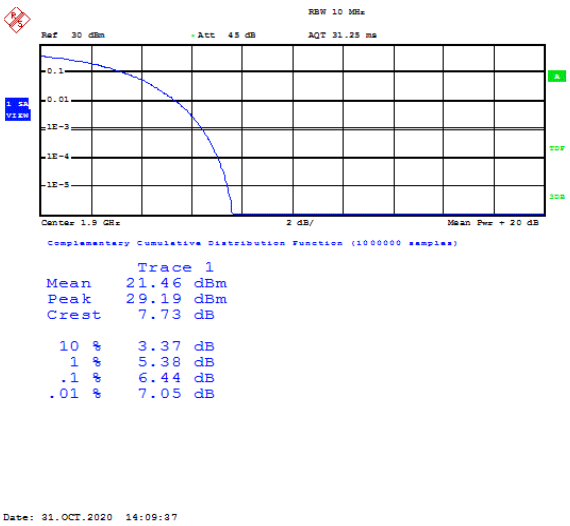

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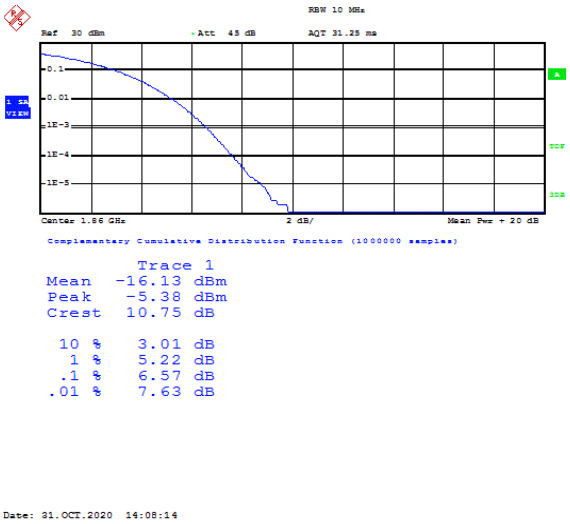

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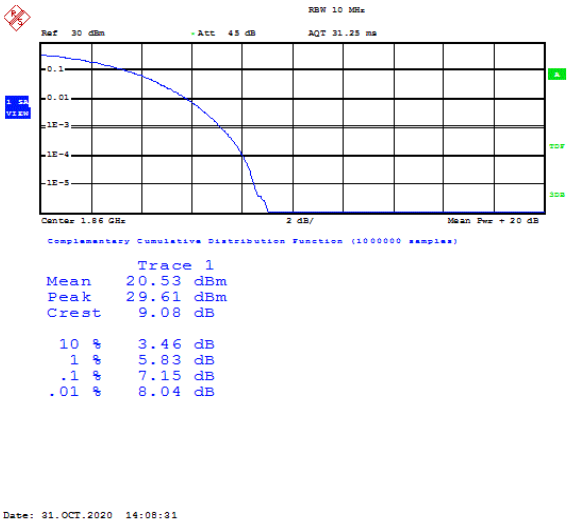

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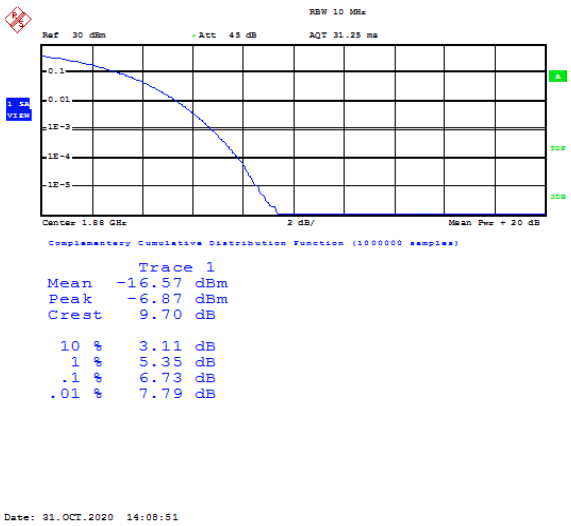

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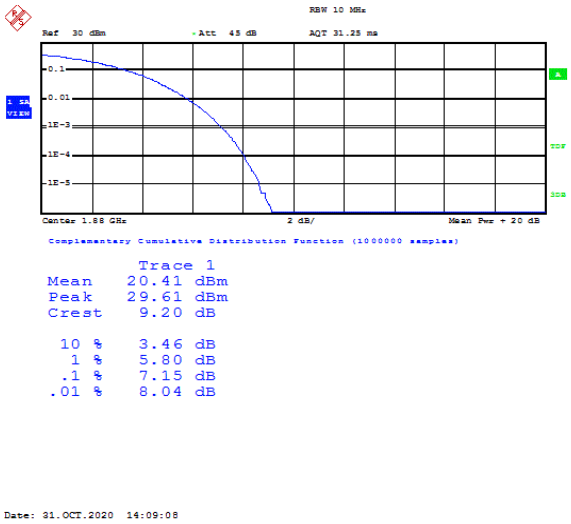

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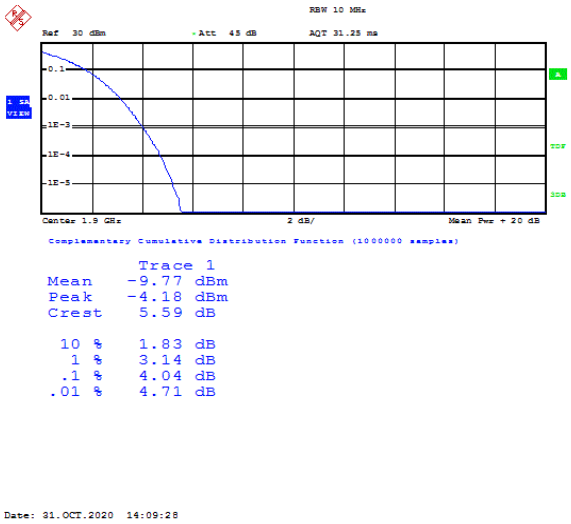

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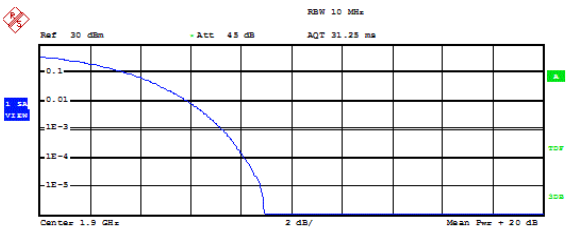


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	20.48 dBm
Peak	29.47 dBm
Crest	8.99 dB
10 %	3.46 dB
1 %	5.87 dB
.1 %	7.24 dB
.01 %	8.14 dB

Date: 31.OCT.2020 14:09:46

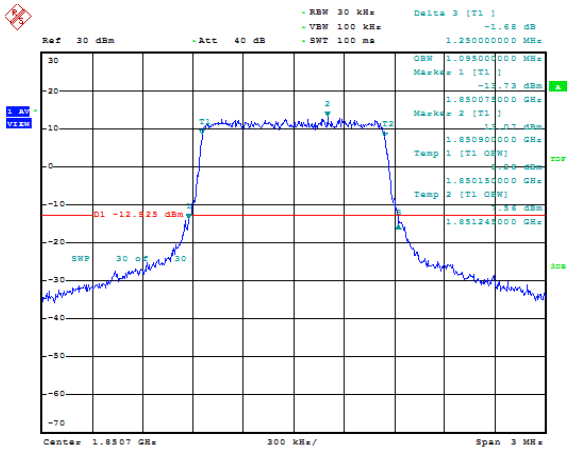
1.3. Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.095	1.250	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.095	1.230	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.095	1.255	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.09	1.245	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.09	1.255	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.095	1.235	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.683	2.962	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.7	2.870	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.7	2.890	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.69	2.870	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.7	2.870	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.7	2.870	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.503	4.920	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.51	4.800	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5	4.770	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5	4.800	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.51	4.790	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.51	4.780	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.967	9.667	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.967	9.633	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.933	9.667	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.967	9.633	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.967	9.633	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.933	9.600	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.45	14.550	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.45	14.500	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.4	14.450	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.45	14.500	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.45	14.500	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.4	14.450	PASS
Band2	20MHz	QPSK	18700	100RB#0	18.141	19.679	PASS
Band2	20MHz	QPSK	18900	100RB#0	18	19.600	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.933	19.467	PASS

Band2	20MHz	16QAM	18700	100RB#0	18	19.600	PASS
Band2	20MHz	16QAM	18900	100RB#0	18	19.600	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.933	19.467	PASS

Test Graphs

Band2-1.4MHz-QPSK-18607-6RB#0-1.095


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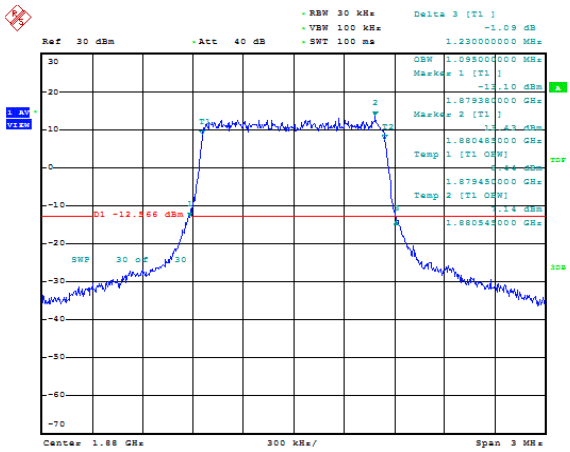
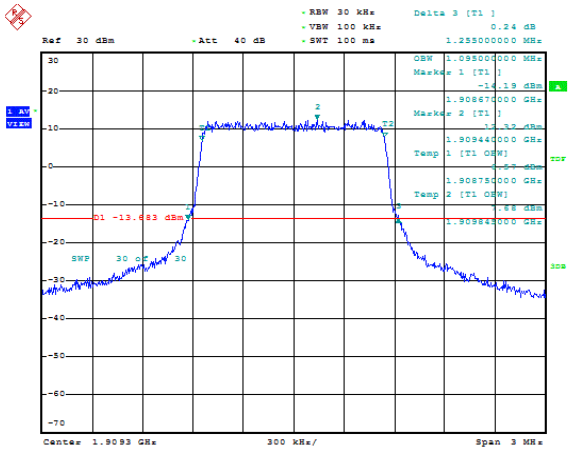
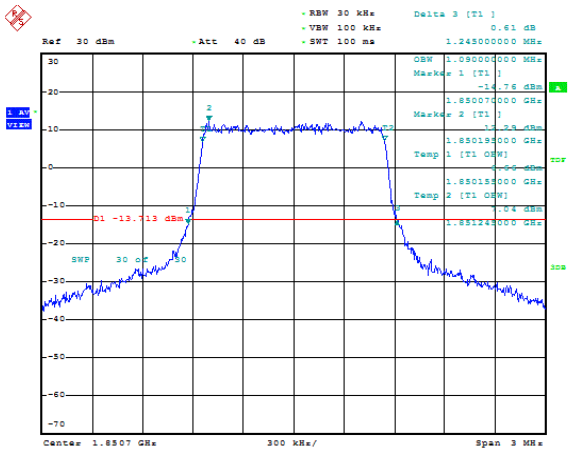


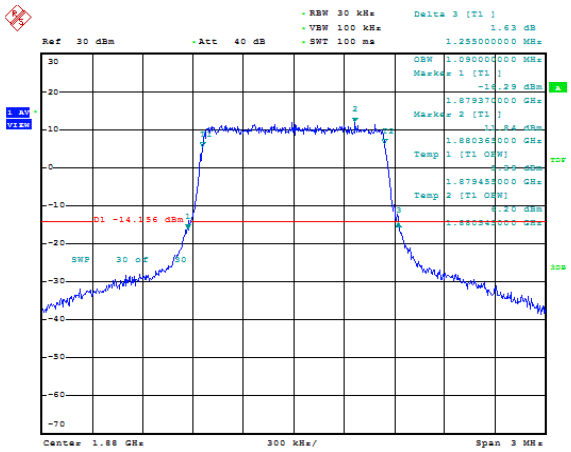
Band2-1.4MHz-QPSK-19193-6RB#0-1.095



Band2-1.4MHz-16QAM-18607-6RB#0-1.09



Band2-1.4MHz-16QAM-18900-6RB#0-1.09



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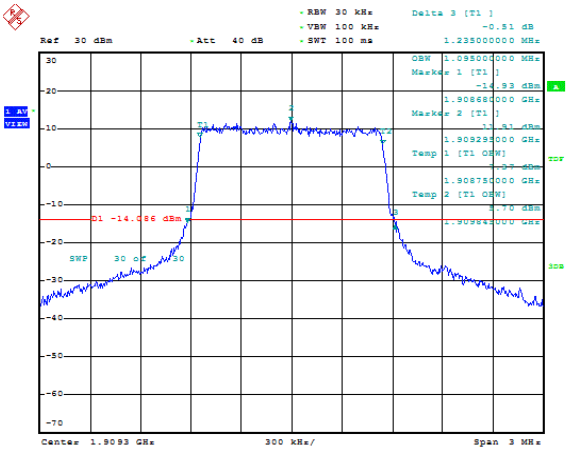

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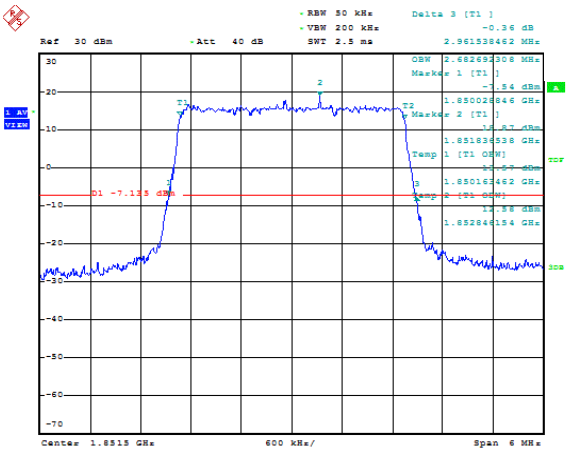

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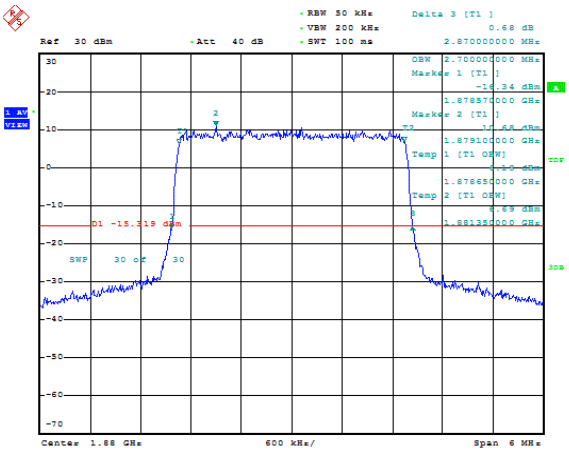
Band2-3MHz-QPSK-18900-15RB#0-2.7



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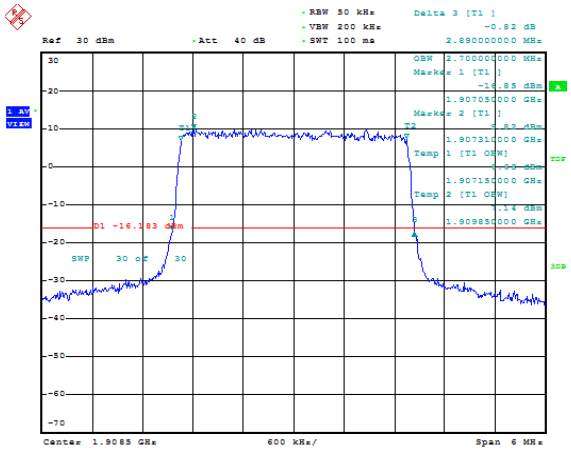
Band2-3MHz-QPSK-19185-15RB#0-2.7



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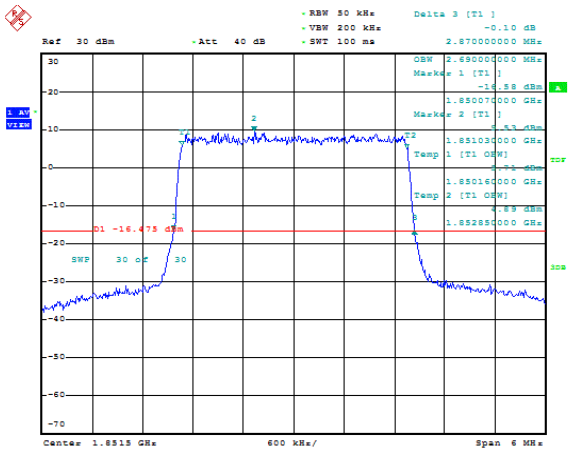
Band2-3MHz-16QAM-18615-15RB#0-2.69



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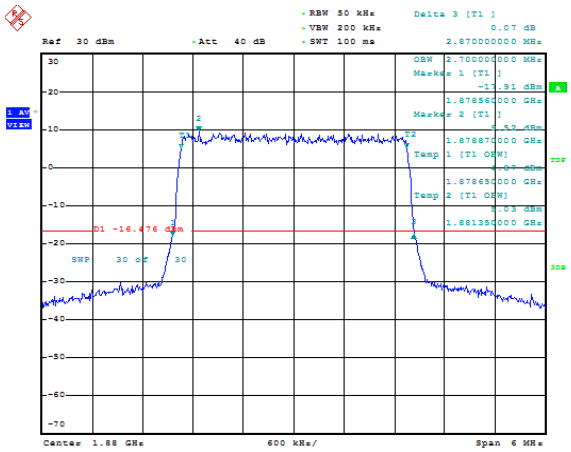
Band2-3MHz-16QAM-18900-15RB#0-2.7



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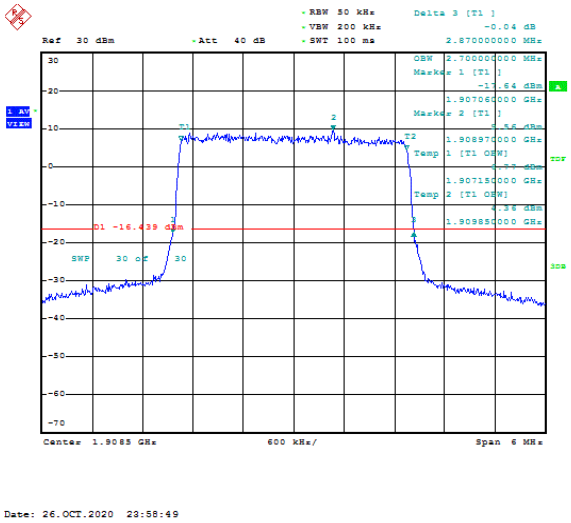
Band2-3MHz-16QAM-19185-15RB#0-2.7



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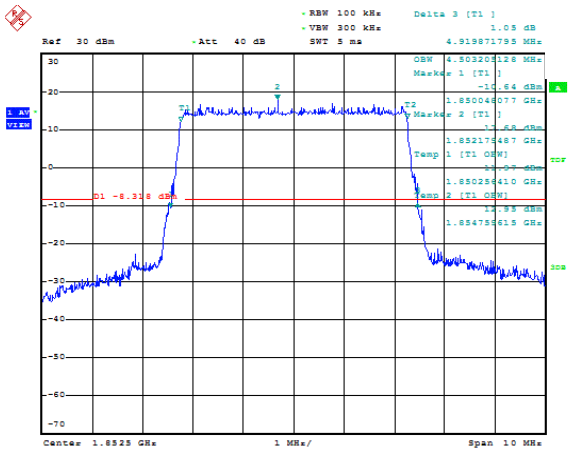

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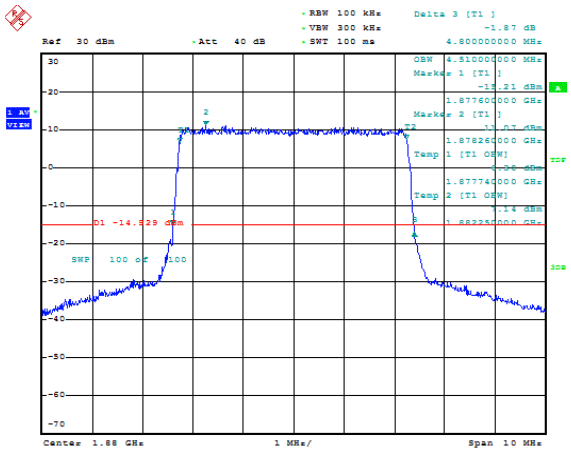

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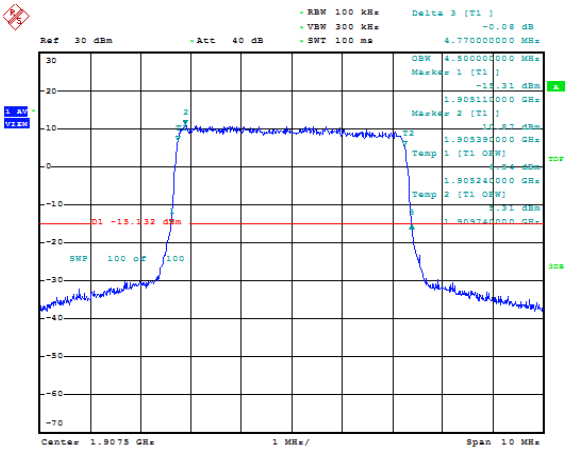

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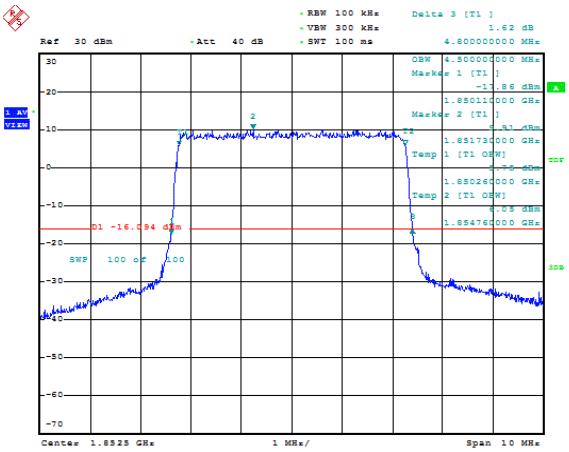

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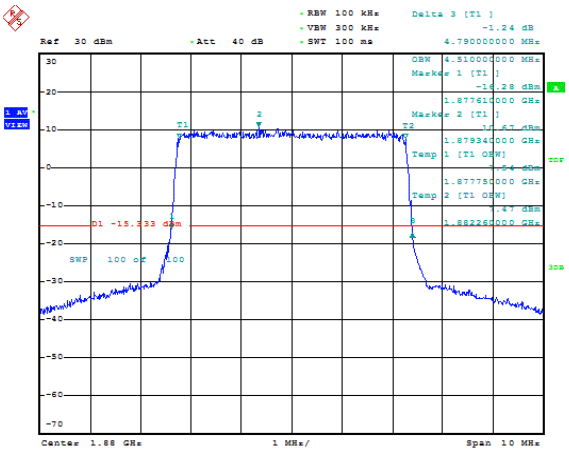

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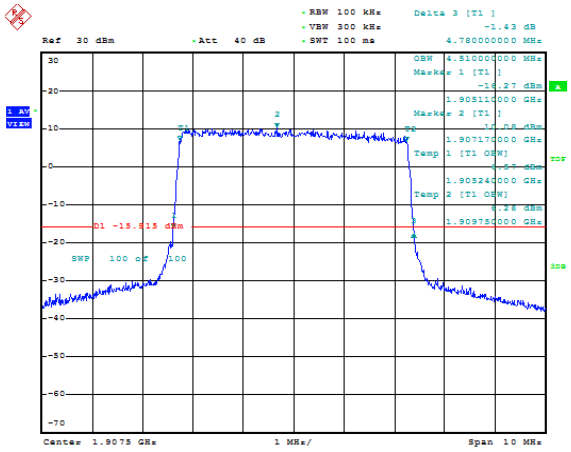
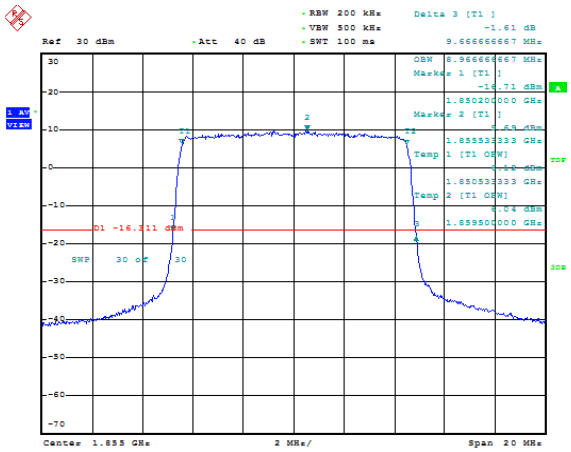


Band2-10MHz-QPSK-18650-50RB#0-8.967



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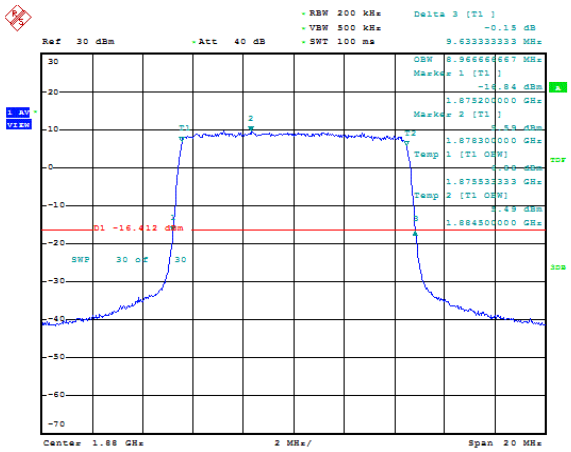
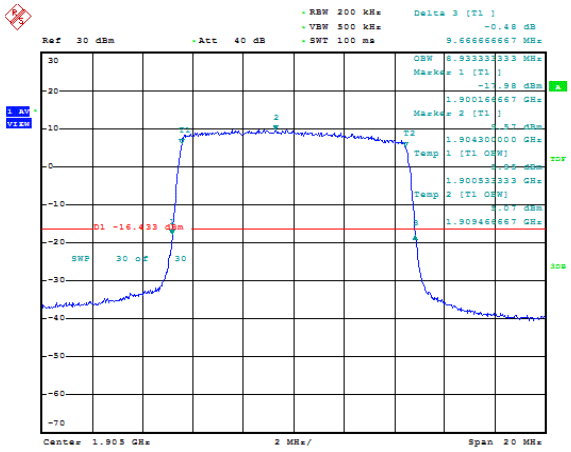


Band2-10MHz-QPSK-19150-50RB#0-8.933



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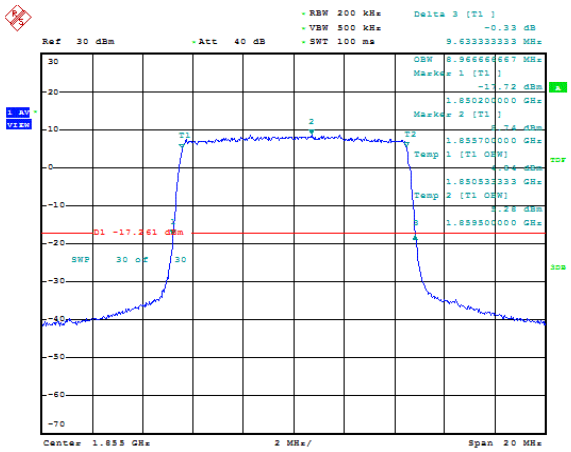
Band2-10MHz-16QAM-18650-50RB#0-8.967



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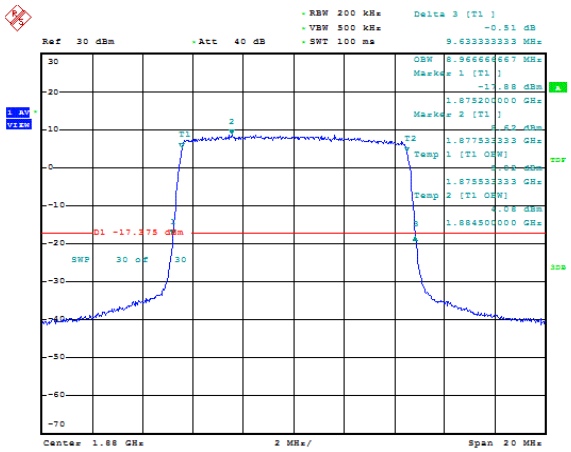
Band2-10MHz-16QAM-18900-50RB#0-8.967



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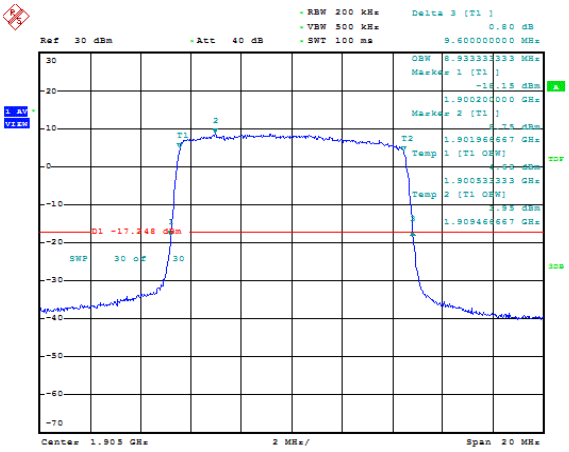
Band2-10MHz-16QAM-19150-50RB#0-8.933



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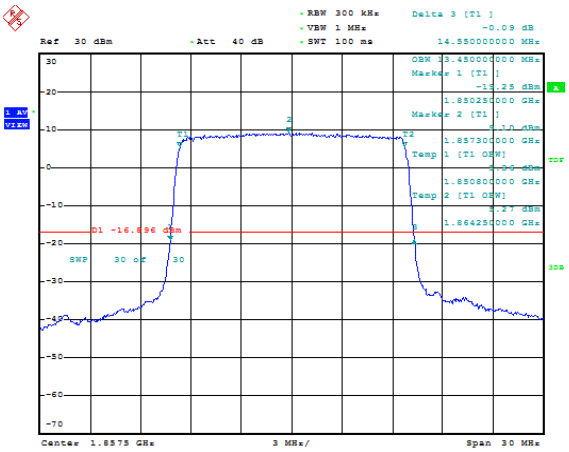
Band2-15MHz-QPSK-18675-75RB#0-13.45



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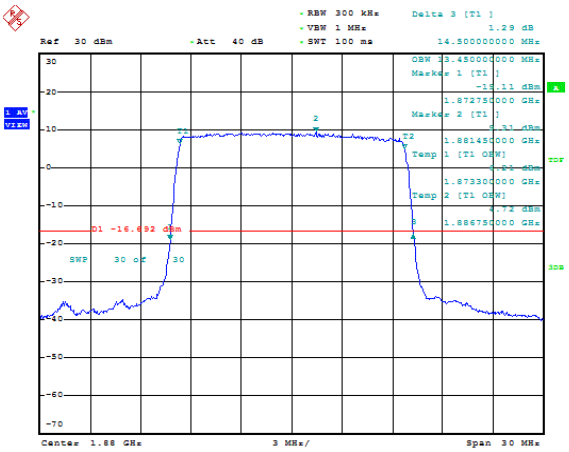
Band2-15MHz-QPSK-18900-75RB#0-13.45



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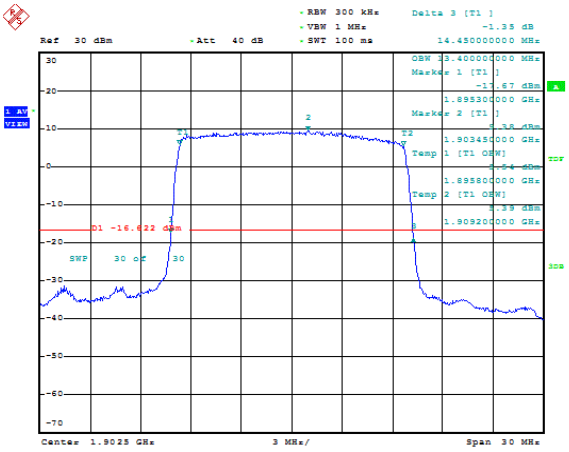
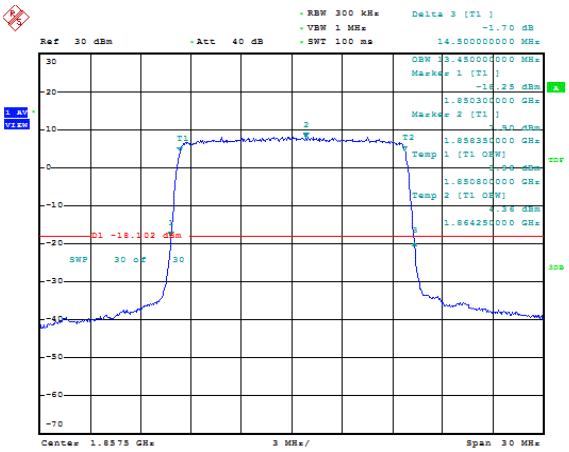
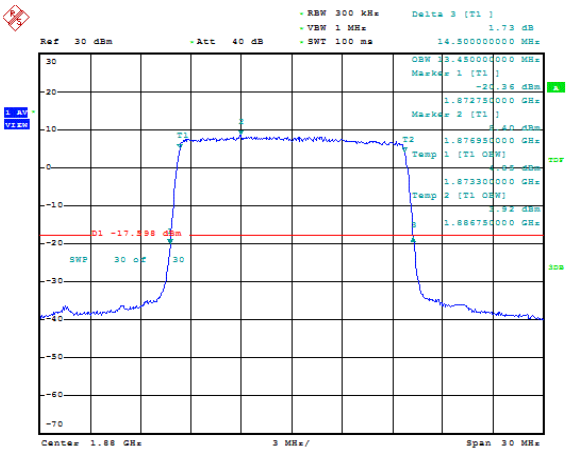
Band2-15MHz-QPSK-19125-75RB#0-13.4



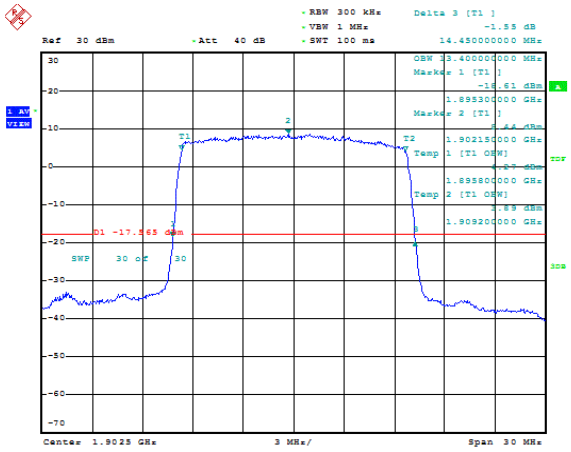
Band2-15MHz-16QAM-18675-75RB#0-13.45



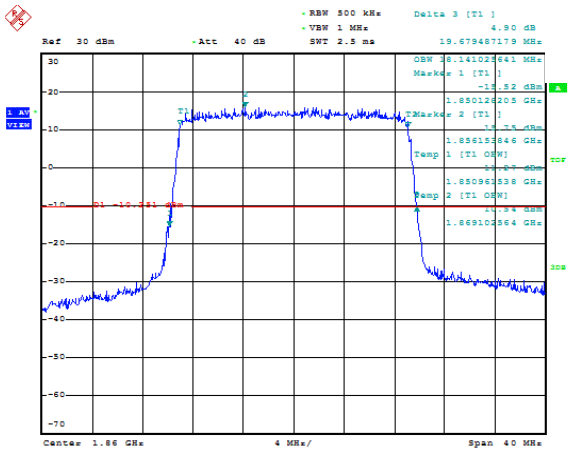
Band2-15MHz-16QAM-18900-75RB#0-13.45



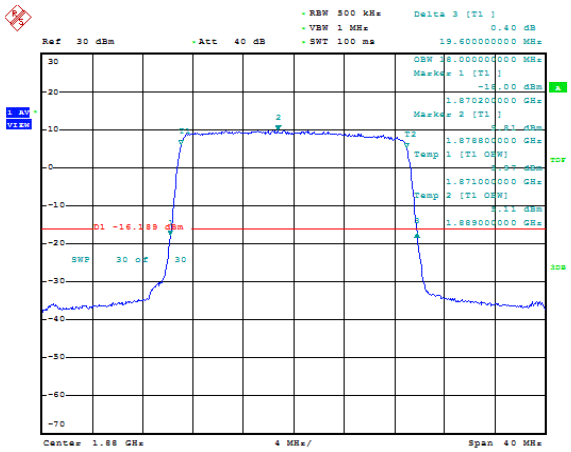
Band2-15MHz-16QAM-19125-75RB#0-13.4



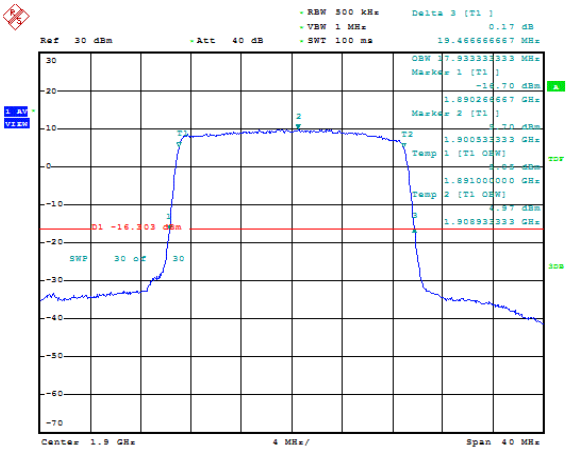
Band2-20MHz-QPSK-18700-100RB#0-18.141



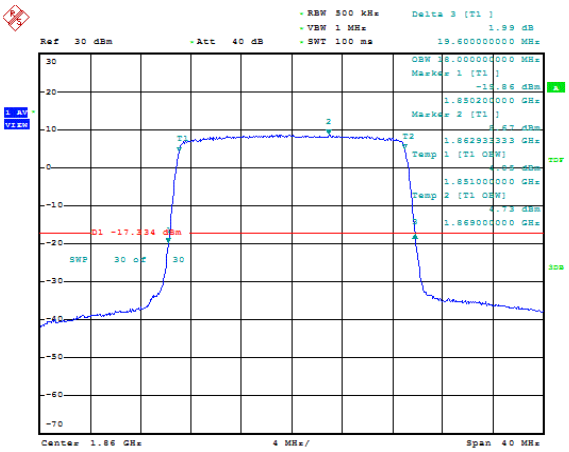
Band2-20MHz-QPSK-18900-100RB#0-18



Band2-20MHz-QPSK-19100-100RB#0-17.933



Band2-20MHz-16QAM-18700-100RB#0-18



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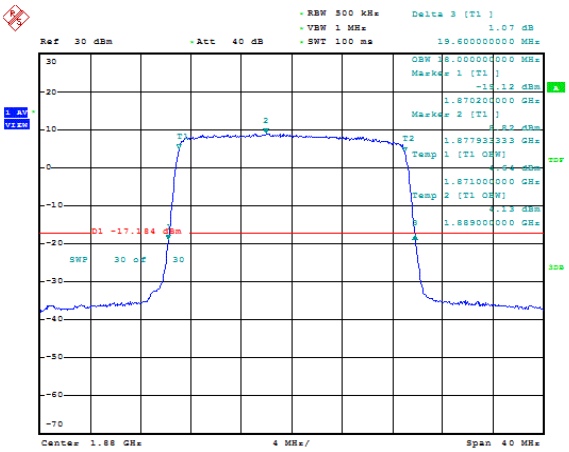
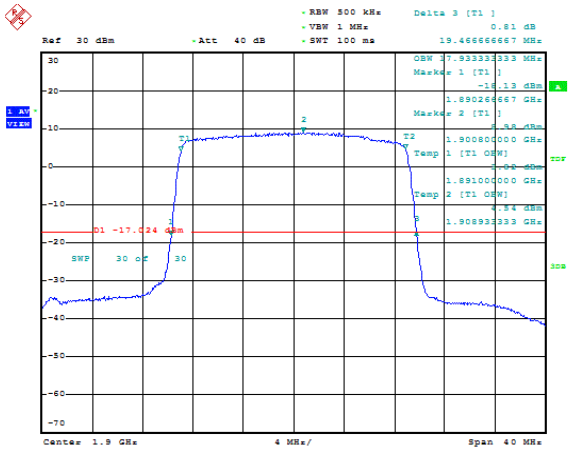


Band2-20MHz-16QAM-19100-100RB#0-17.933



Date: 31.OCT.2020 13:57:39

1.4. Appendix D: Band Edge

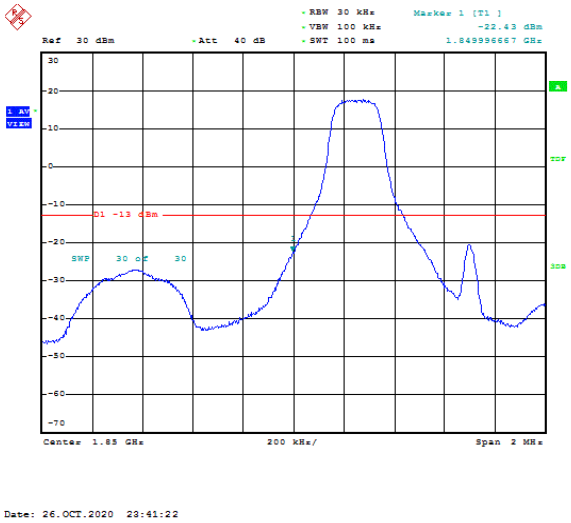
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-22.43	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	-35.39	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-24.81	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	-32.30	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-22.02	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-24.38	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-24.11	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	-37.54	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-26.24	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	-34.39	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-25.02	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-25.99	PASS
Band2	3MHz	QPSK	18615	1RB#0	-20.09	PASS
Band2	3MHz	QPSK	18615	1RB#14	-42.65	PASS
Band2	3MHz	QPSK	18615	15RB#0	-25.58	PASS
Band2	3MHz	QPSK	19185	1RB#0	-44.03	PASS
Band2	3MHz	QPSK	19185	1RB#14	-19.90	PASS
Band2	3MHz	QPSK	19185	15RB#0	-26.70	PASS
Band2	3MHz	16QAM	18615	1RB#0	-21.14	PASS
Band2	3MHz	16QAM	18615	1RB#14	-43.82	PASS
Band2	3MHz	16QAM	18615	15RB#0	-27.23	PASS
Band2	3MHz	16QAM	19185	1RB#0	-44.74	PASS
Band2	3MHz	16QAM	19185	1RB#14	-21.74	PASS
Band2	3MHz	16QAM	19185	15RB#0	-27.65	PASS
Band2	5MHz	QPSK	18625	1RB#0	-21.29	PASS
Band2	5MHz	QPSK	18625	1RB#24	-47.70	PASS
Band2	5MHz	QPSK	18625	25RB#0	-27.65	PASS
Band2	5MHz	QPSK	19175	1RB#0	-47.88	PASS
Band2	5MHz	QPSK	19175	1RB#24	-21.64	PASS
Band2	5MHz	QPSK	19175	25RB#0	-27.80	PASS
Band2	5MHz	16QAM	18625	1RB#0	-23.64	PASS
Band2	5MHz	16QAM	18625	1RB#24	-48.00	PASS
Band2	5MHz	16QAM	18625	25RB#0	-28.54	PASS

Band2	5MHz	16QAM	19175	1RB#0	-48.14	PASS
Band2	5MHz	16QAM	19175	1RB#24	-22.83	PASS
Band2	5MHz	16QAM	19175	25RB#0	-28.78	PASS
Band2	10MHz	QPSK	18650	1RB#0	-15.95	PASS
Band2	10MHz	QPSK	18650	1RB#49	-46.41	PASS
Band2	10MHz	QPSK	18650	50RB#0	-29.76	PASS
Band2	10MHz	QPSK	19150	1RB#0	-46.88	PASS
Band2	10MHz	QPSK	19150	1RB#49	-13.61	PASS
Band2	10MHz	QPSK	19150	50RB#0	-29.61	PASS
Band2	10MHz	16QAM	18650	1RB#0	-16.94	PASS
Band2	10MHz	16QAM	18650	1RB#49	-47.01	PASS
Band2	10MHz	16QAM	18650	50RB#0	-30.78	PASS
Band2	10MHz	16QAM	19150	1RB#0	-47.28	PASS
Band2	10MHz	16QAM	19150	1RB#49	-13.97	PASS
Band2	10MHz	16QAM	19150	50RB#0	-30.51	PASS
Band2	15MHz	QPSK	18675	1RB#0	-17.61	PASS
Band2	15MHz	QPSK	18675	1RB#74	-50.59	PASS
Band2	15MHz	QPSK	18675	75RB#0	-34.17	PASS
Band2	15MHz	QPSK	19125	1RB#0	-50.22	PASS
Band2	15MHz	QPSK	19125	1RB#74	-16.35	PASS
Band2	15MHz	QPSK	19125	75RB#0	-34.48	PASS
Band2	15MHz	16QAM	18675	1RB#0	-18.75	PASS
Band2	15MHz	16QAM	18675	1RB#74	-50.87	PASS
Band2	15MHz	16QAM	18675	75RB#0	-35.91	PASS
Band2	15MHz	16QAM	19125	1RB#0	-50.47	PASS
Band2	15MHz	16QAM	19125	1RB#74	-17.77	PASS
Band2	15MHz	16QAM	19125	75RB#0	-35.39	PASS
Band2	20MHz	QPSK	18700	1RB#0	-13.84	PASS
Band2	20MHz	QPSK	18700	1RB#99	-52.05	PASS
Band2	20MHz	QPSK	18700	100RB#0	-33.80	PASS
Band2	20MHz	QPSK	19100	1RB#0	-53.55	PASS
Band2	20MHz	QPSK	19100	1RB#99	-13.56	PASS
Band2	20MHz	QPSK	19100	100RB#0	-34.00	PASS
Band2	20MHz	16QAM	18700	1RB#0	-14.63	PASS
Band2	20MHz	16QAM	18700	1RB#99	-50.92	PASS
Band2	20MHz	16QAM	18700	100RB#0	-34.75	PASS
Band2	20MHz	16QAM	19100	1RB#0	-53.83	PASS
Band2	20MHz	16QAM	19100	1RB#99	-14.69	PASS

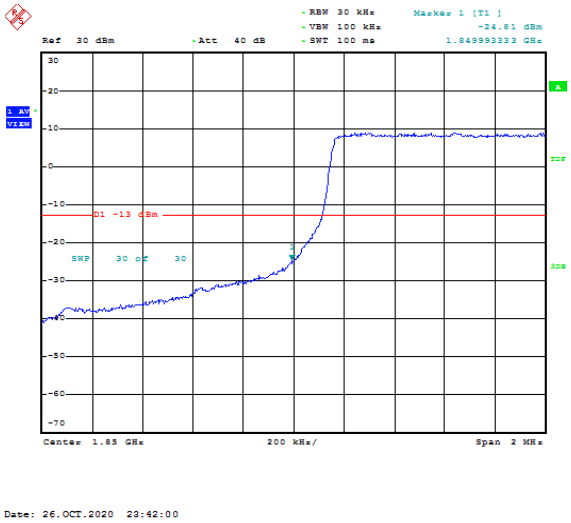
Band2	20MHz	16QAM	19100	100RB#0	-35.13	PASS

Test Graphs

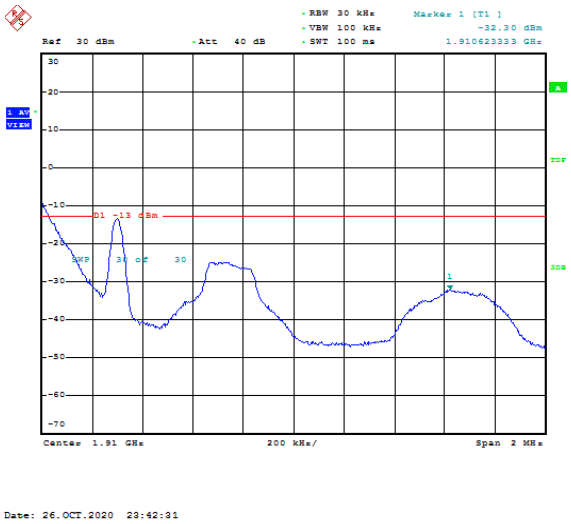
Band2-1.4MHz-QPSK-18607-1RB#0


Band2-1.4MHz-QPSK-18607-1RB#5

Band2-1.4MHz-QPSK-18607-6RB#0



Band2-1.4MHz-QPSK-19193-1RB#0



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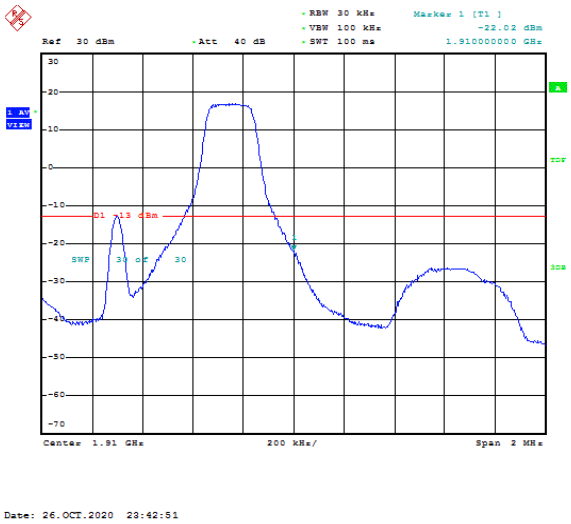

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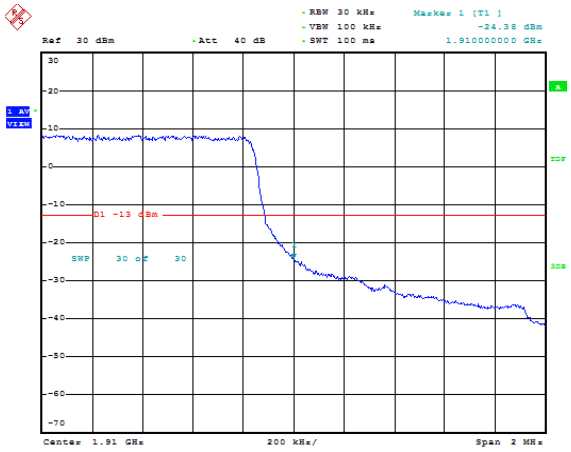

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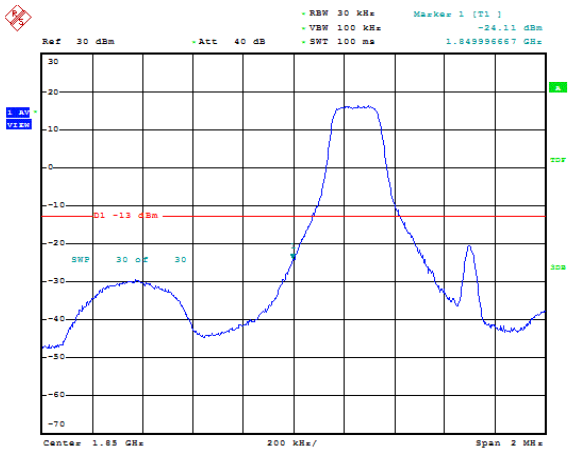

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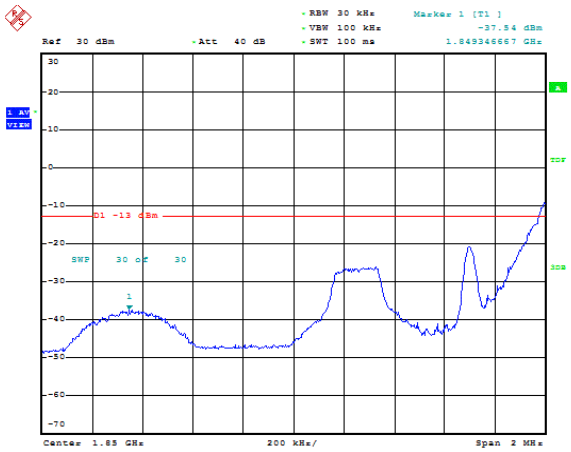

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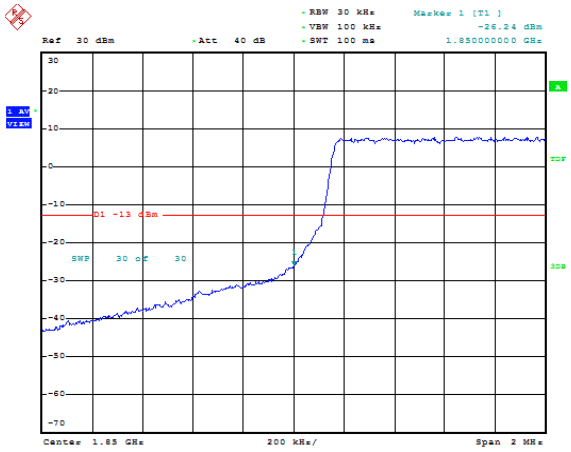

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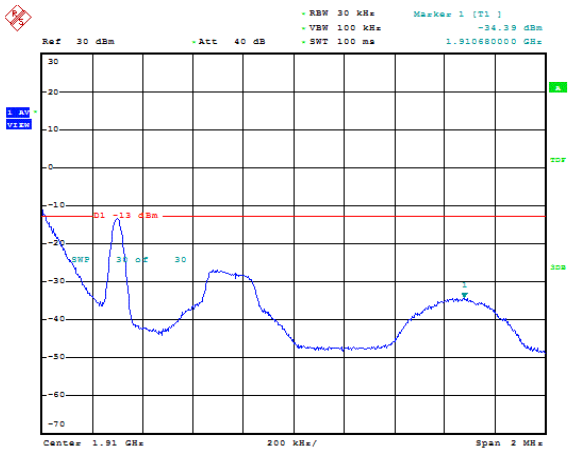

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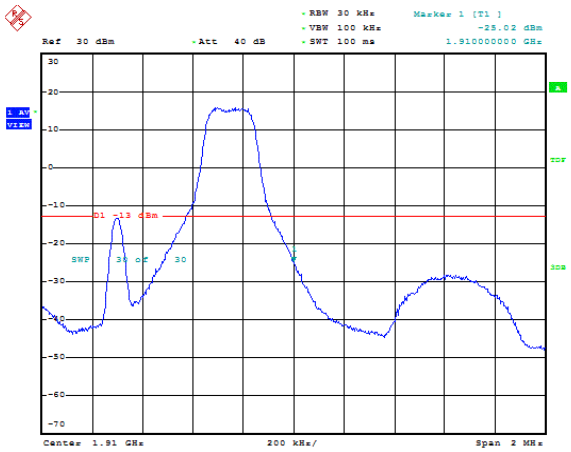

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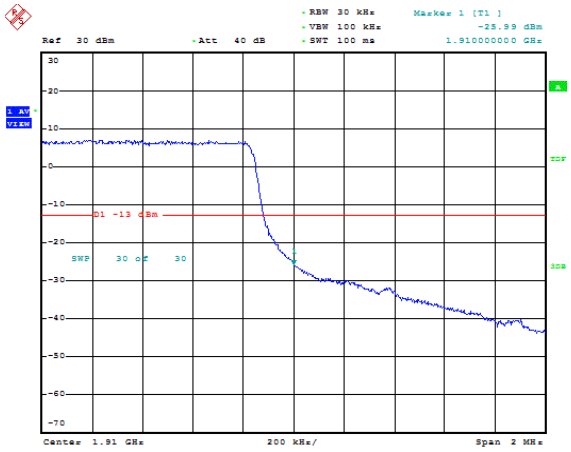

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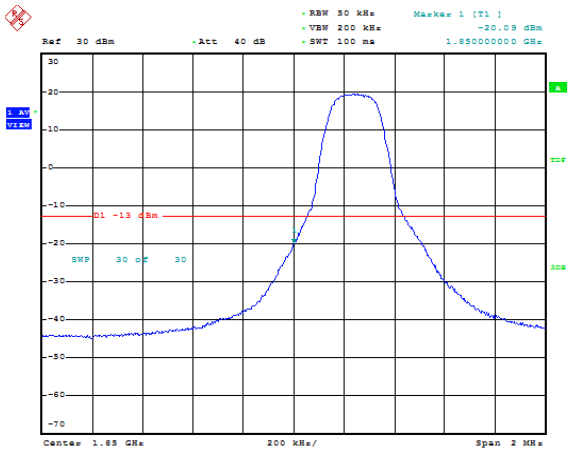
Band2-3MHz-QPSK-18615-1RB#0



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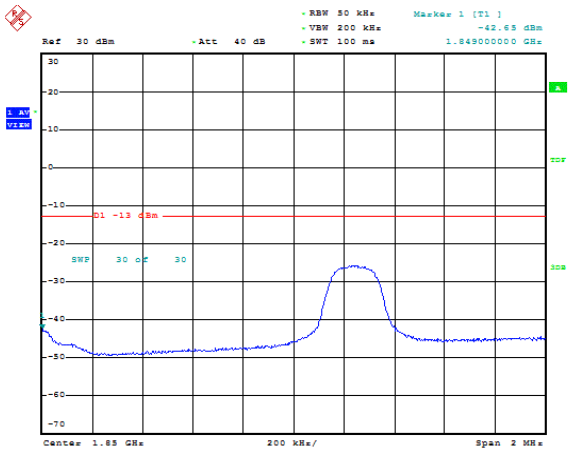
Band2-3MHz-QPSK-18615-1RB#14



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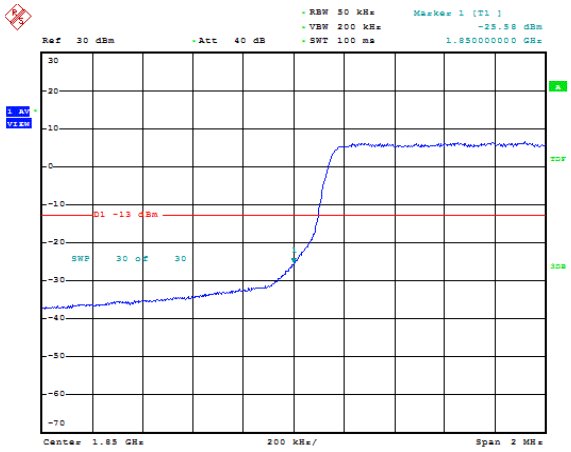

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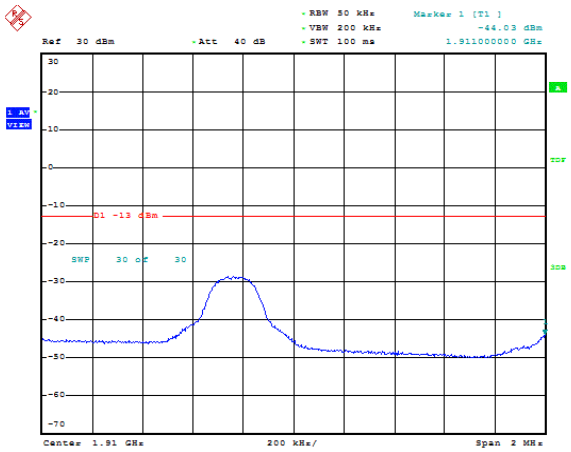

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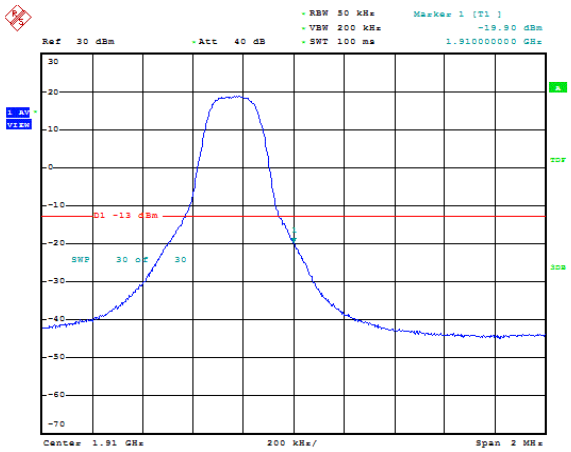

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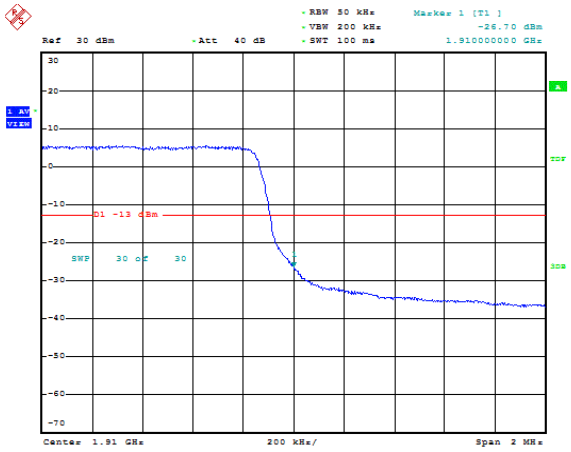

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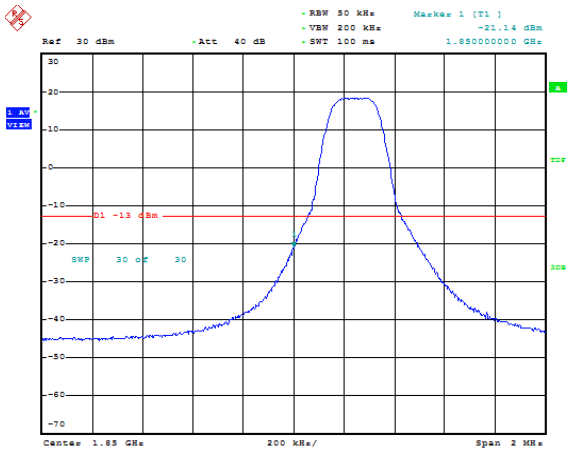

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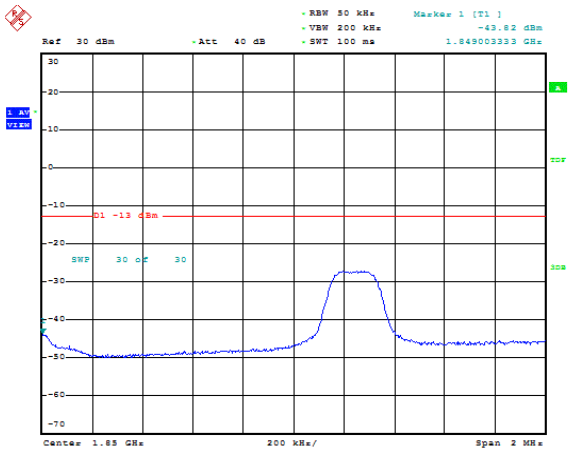

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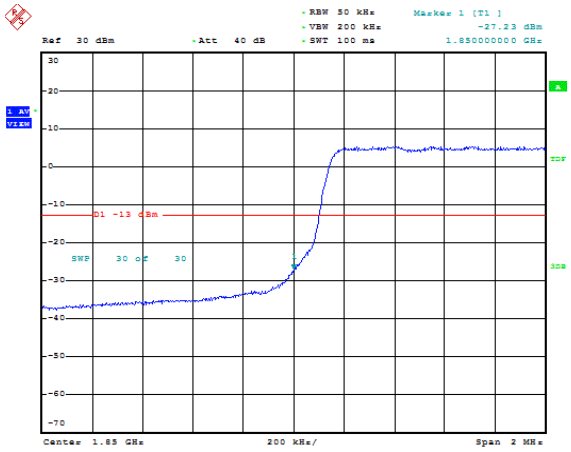

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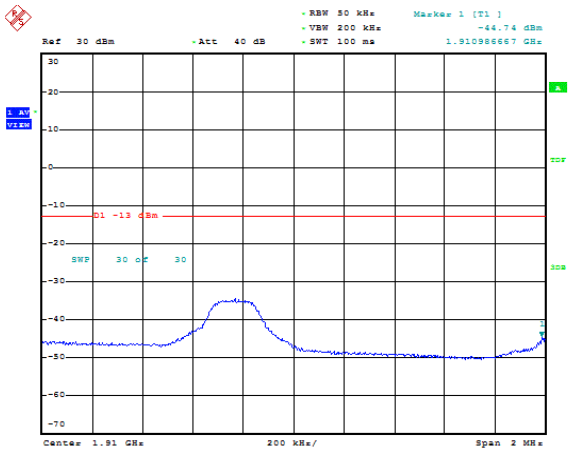

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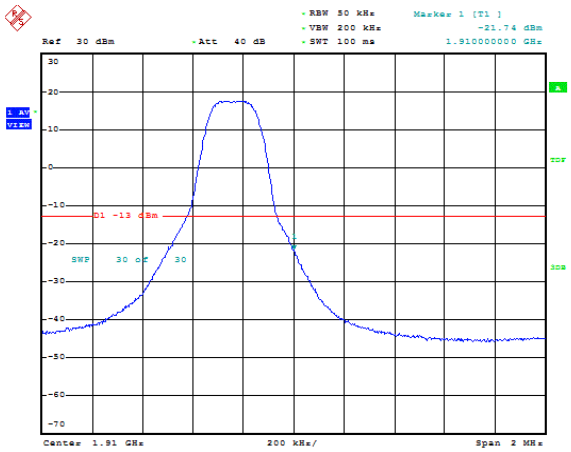

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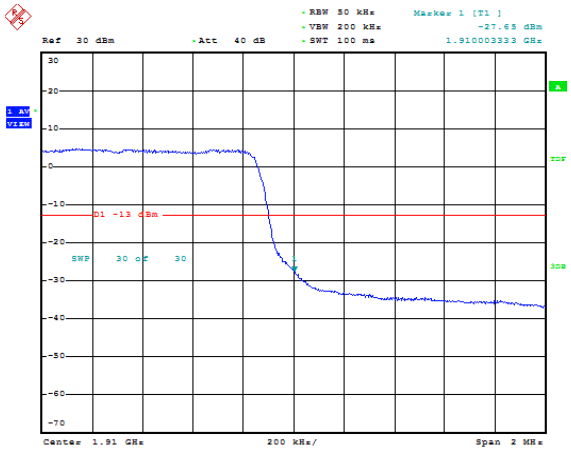
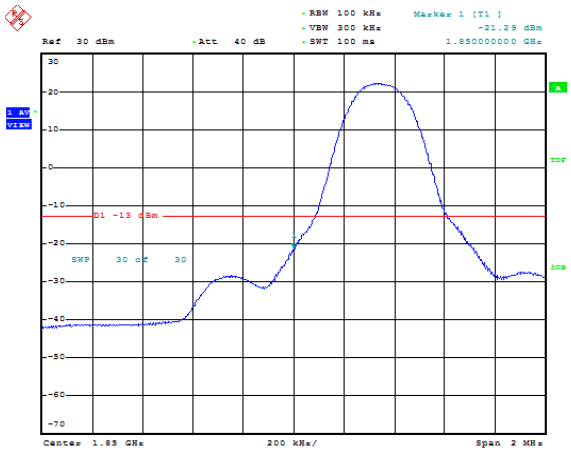


Band2-5MHz-QPSK-18625-1RB#0



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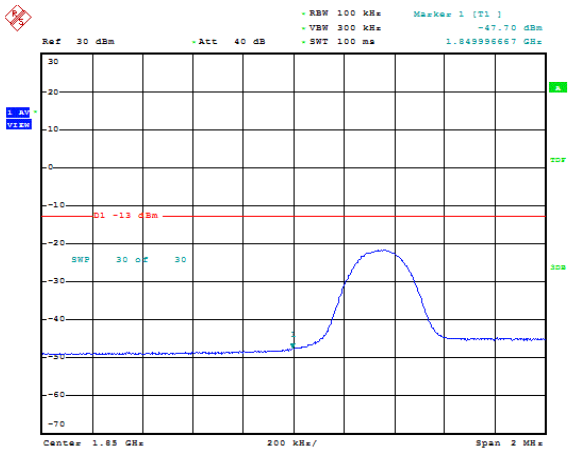

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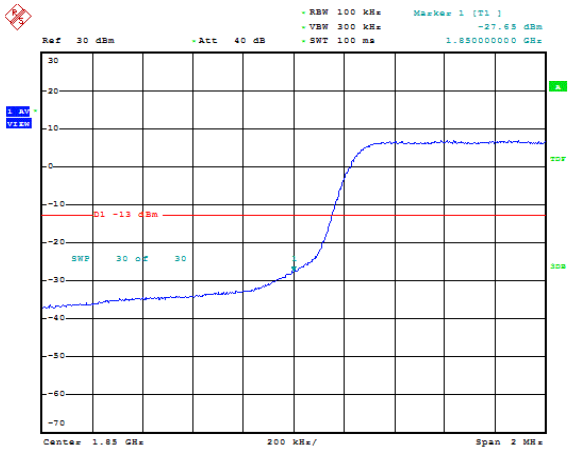

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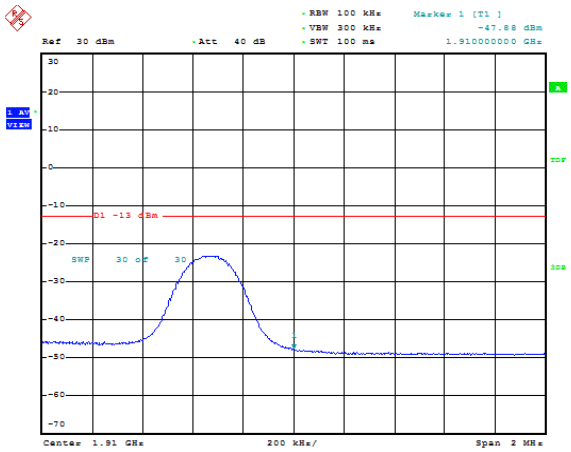

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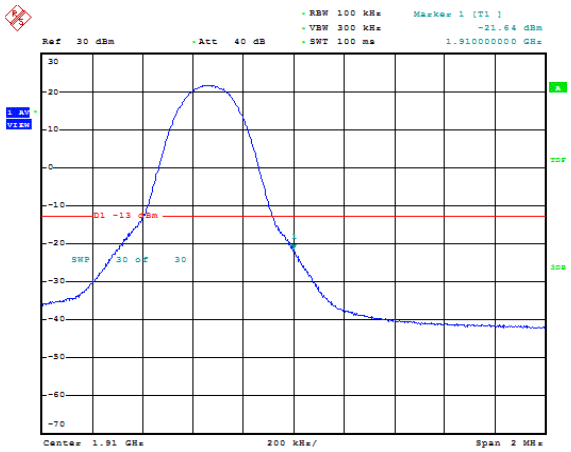

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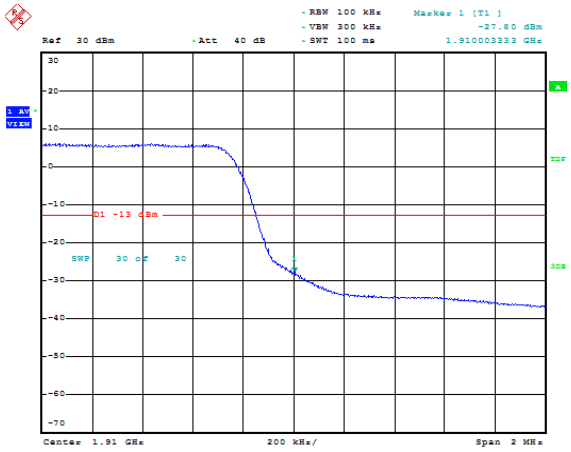

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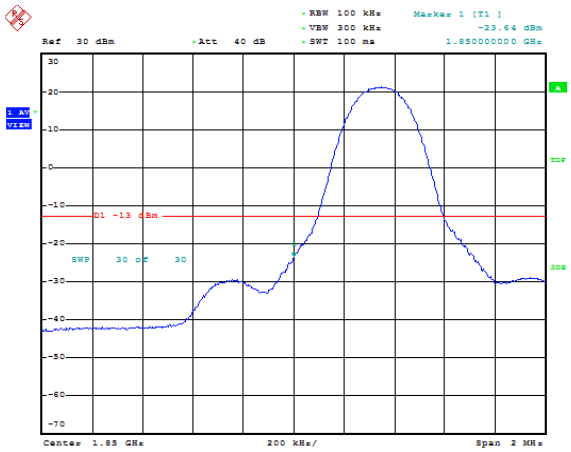

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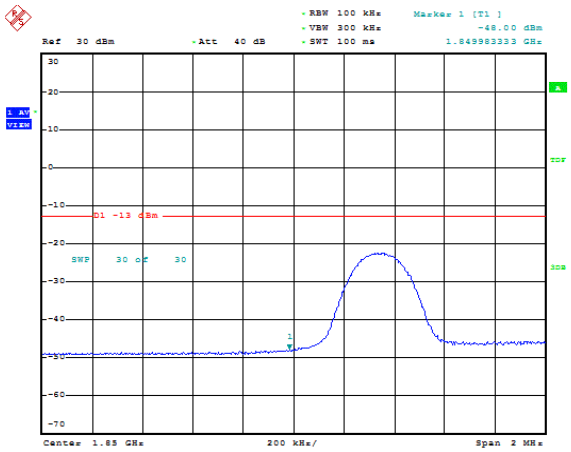

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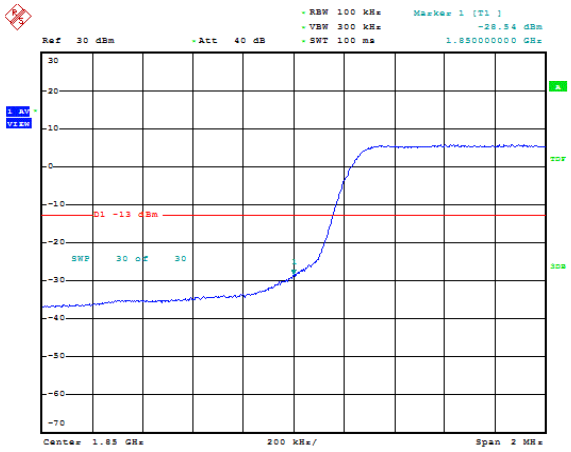
Band2-5MHz-16QAM-18625-25RB#0



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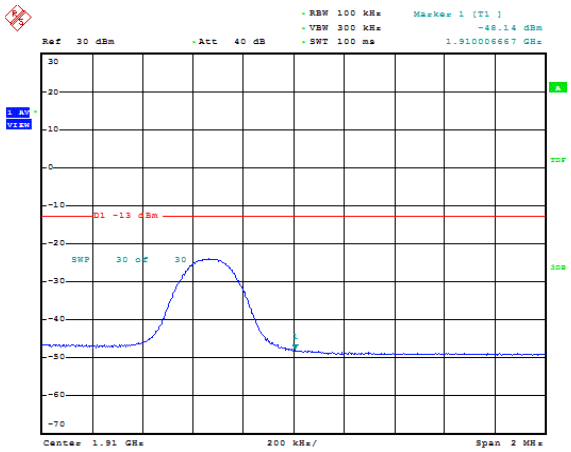

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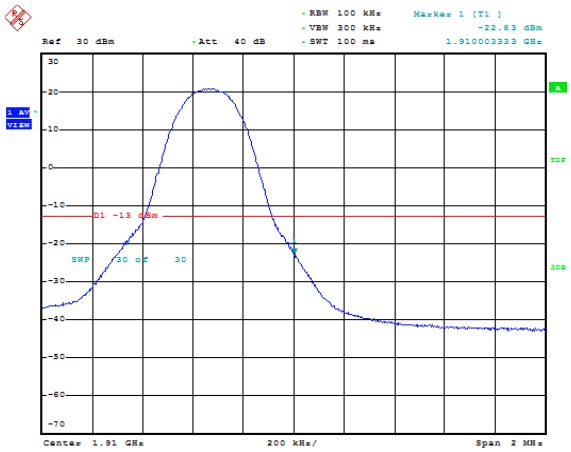

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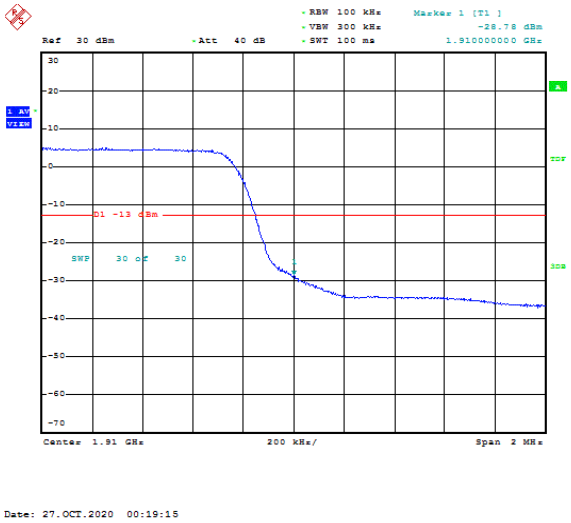
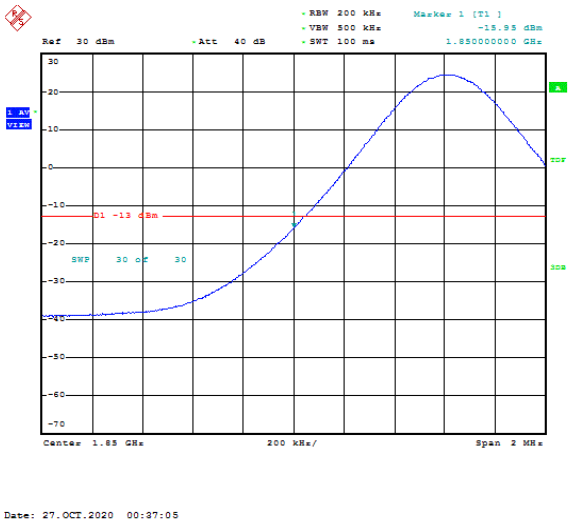
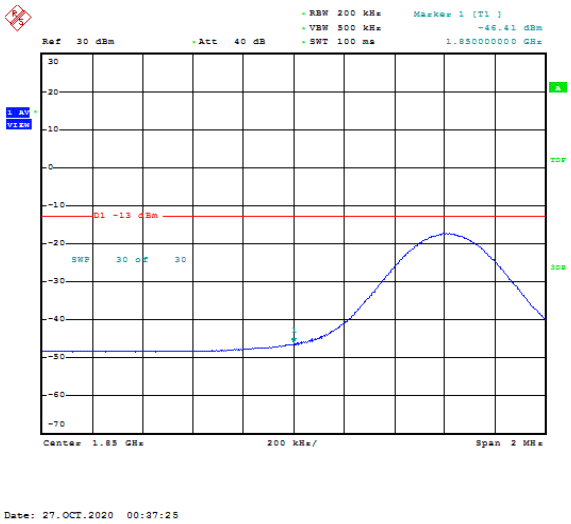


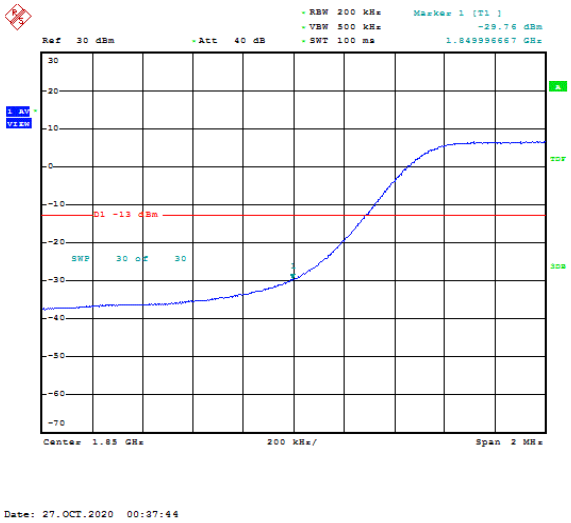
Band2-10MHz-QPSK-18650-1RB#0



Band2-10MHz-QPSK-18650-1RB#49



Band2-10MHz-QPSK-18650-50RB#0



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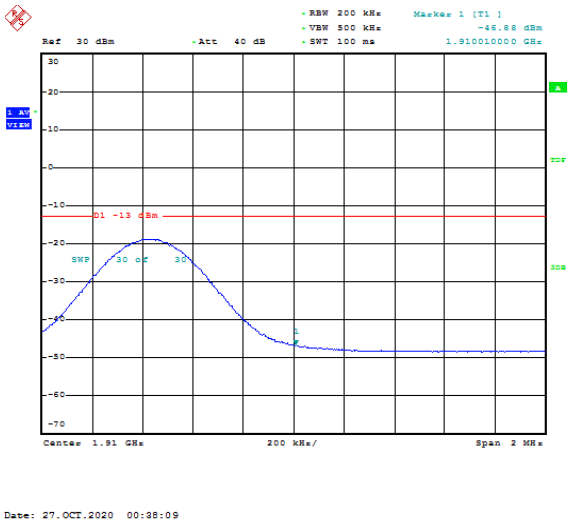

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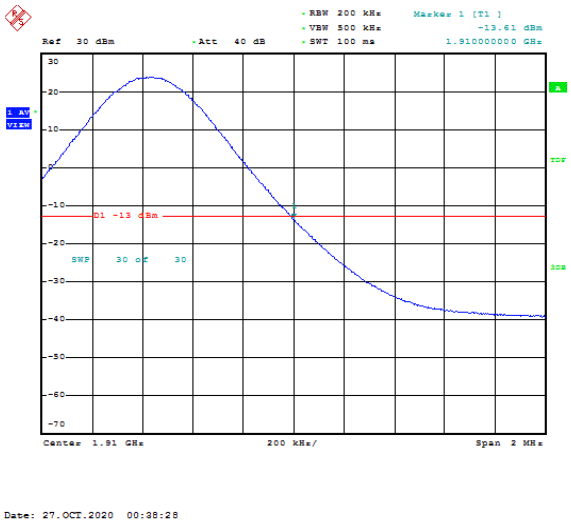
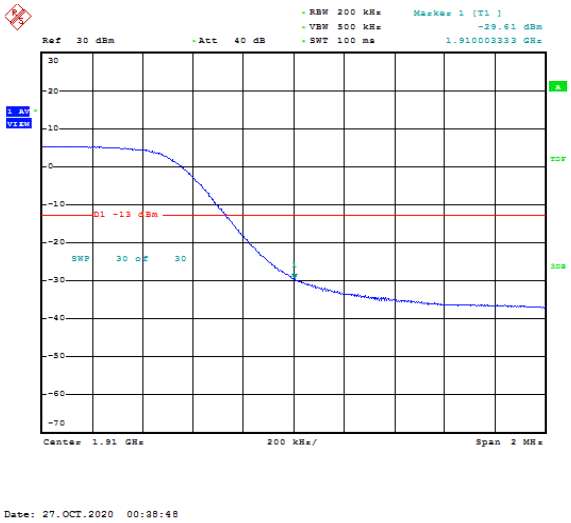


Band2-10MHz-QPSK-19150-50RB#0



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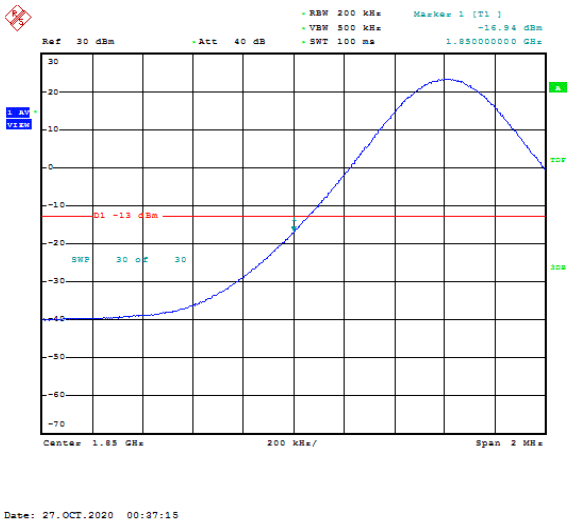
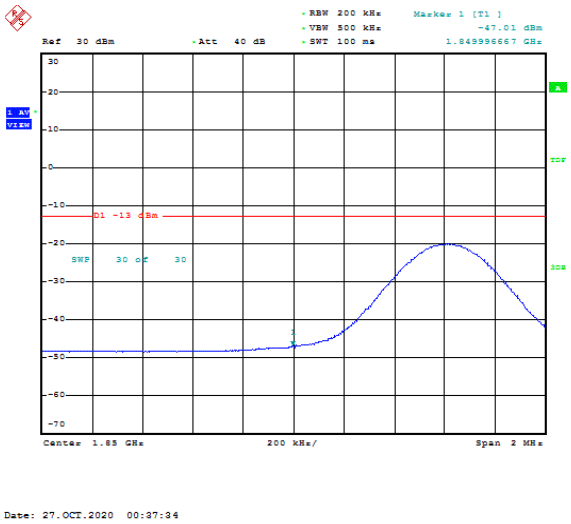
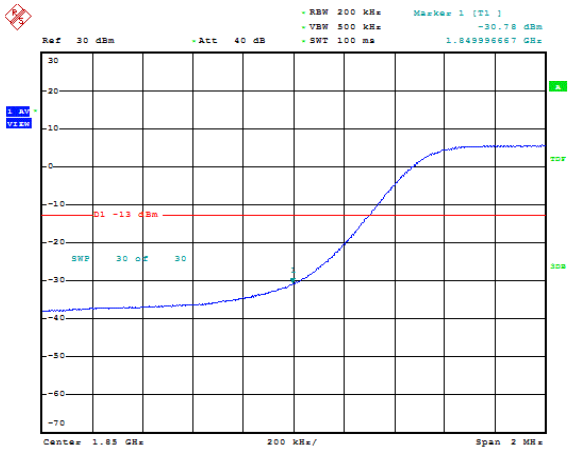


Band2-10MHz-16QAM-18650-1RB#49

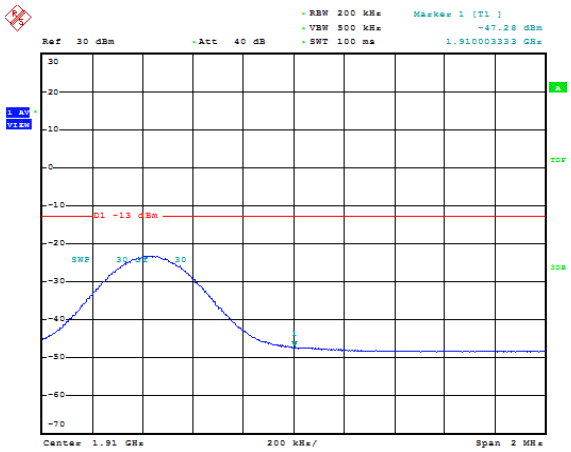


Band2-10MHz-16QAM-18650-50RB#0



Date: 27.OCT.2020 00:37:54

Band2-10MHz-16QAM-19150-1RB#0



Date: 27.OCT.2020 00:38:19

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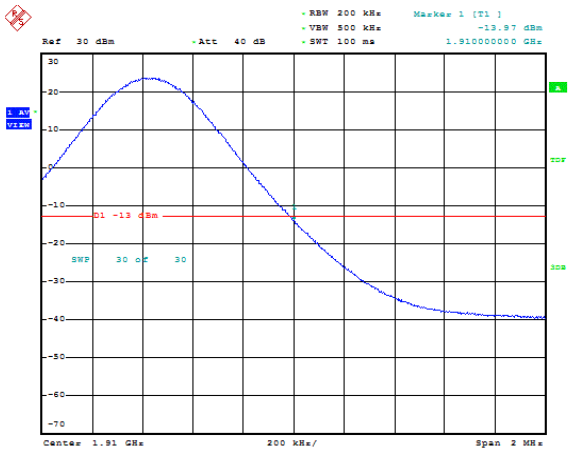

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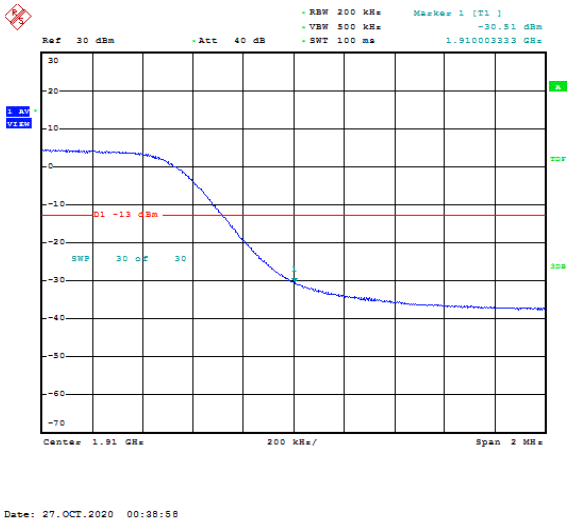
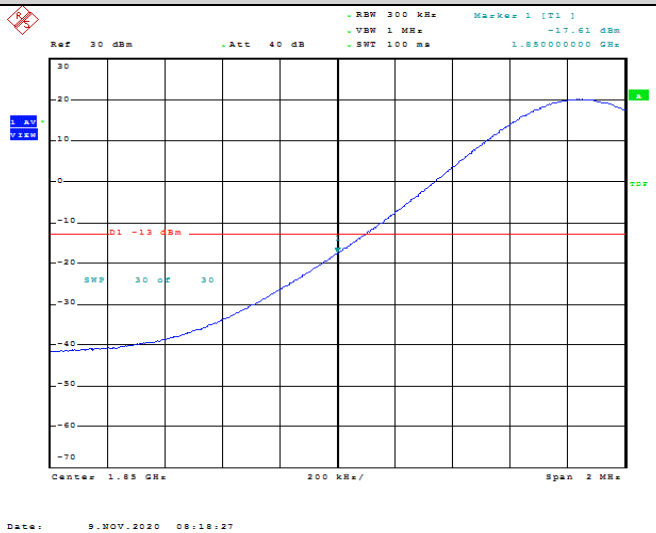


Band2-15MHz-QPSK-18675-1RB#0



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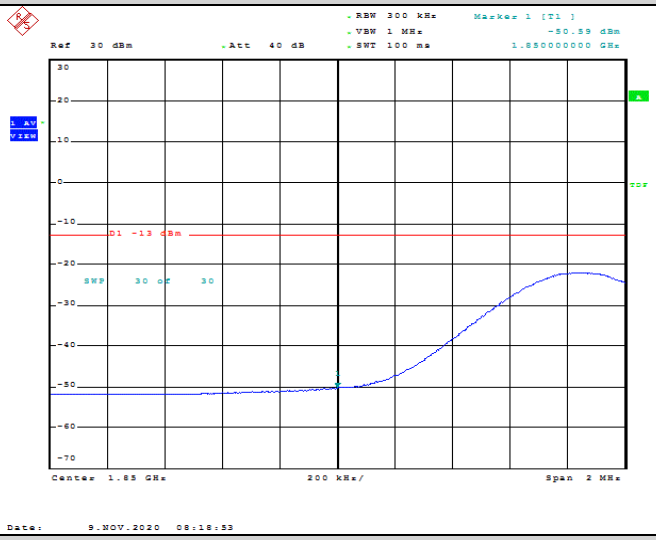

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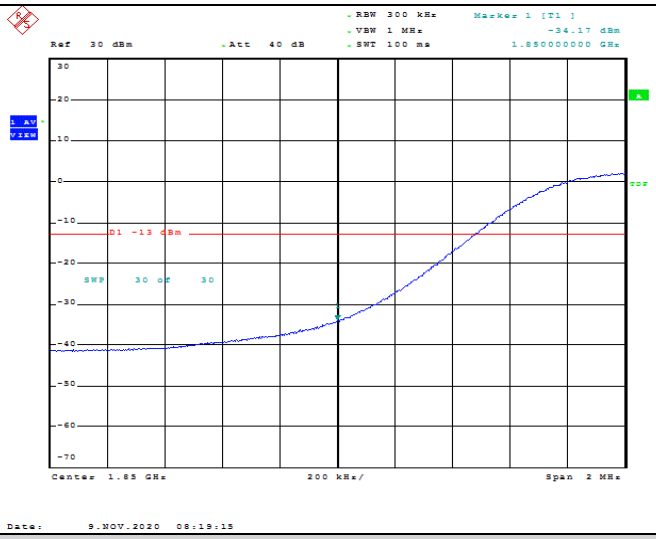

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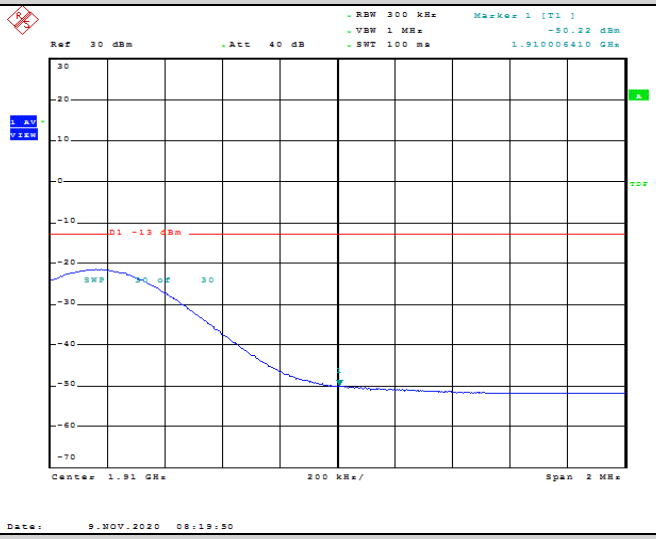

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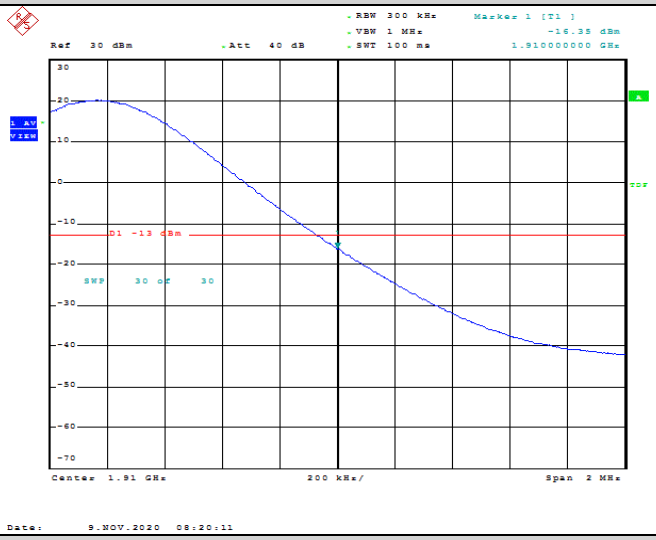

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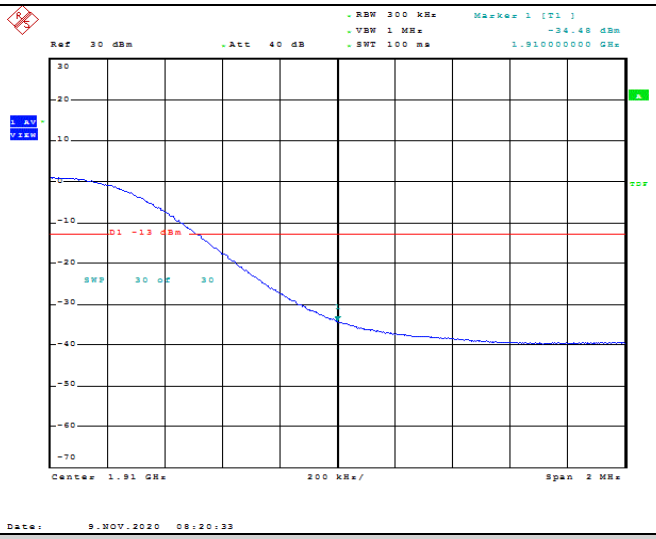
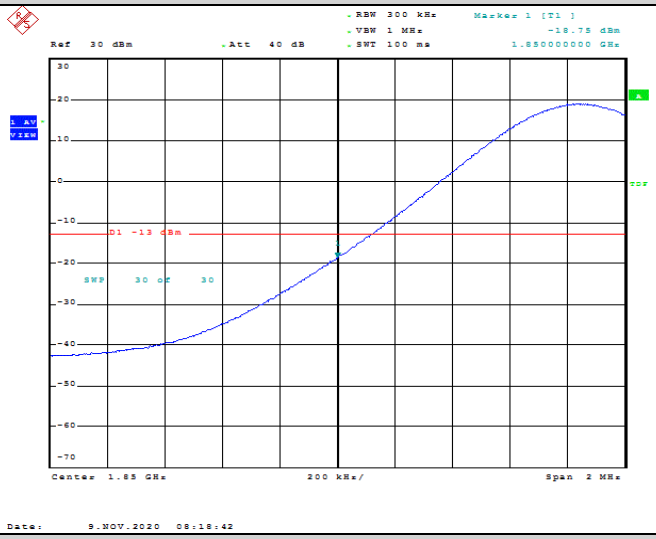


Band2-15MHz-16QAM-18675-1RB#0



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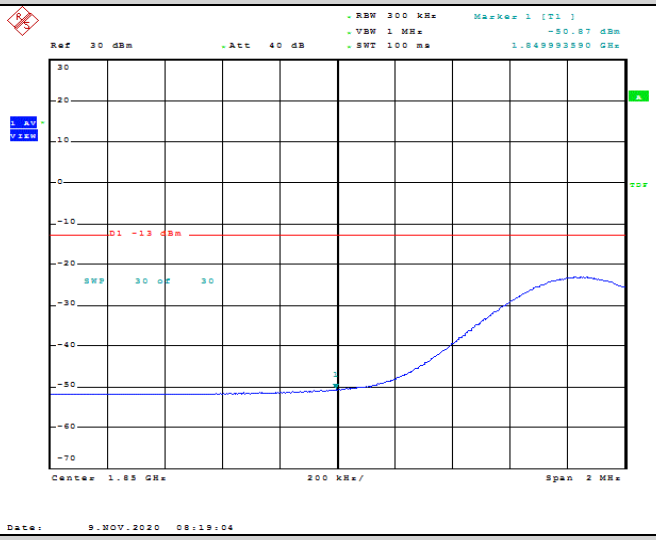

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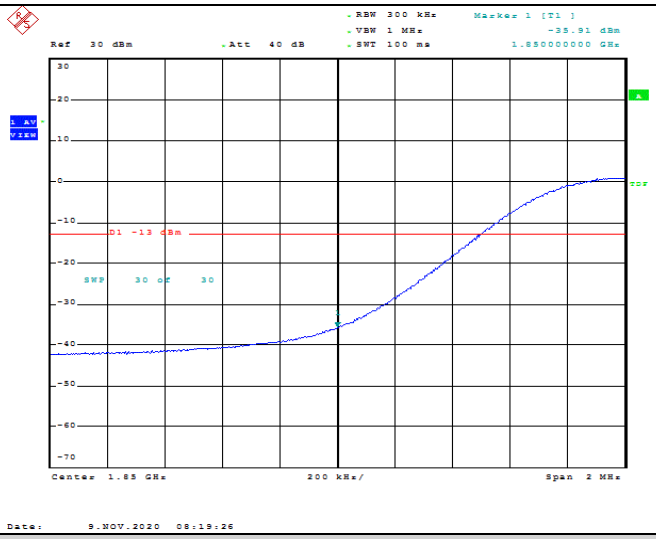

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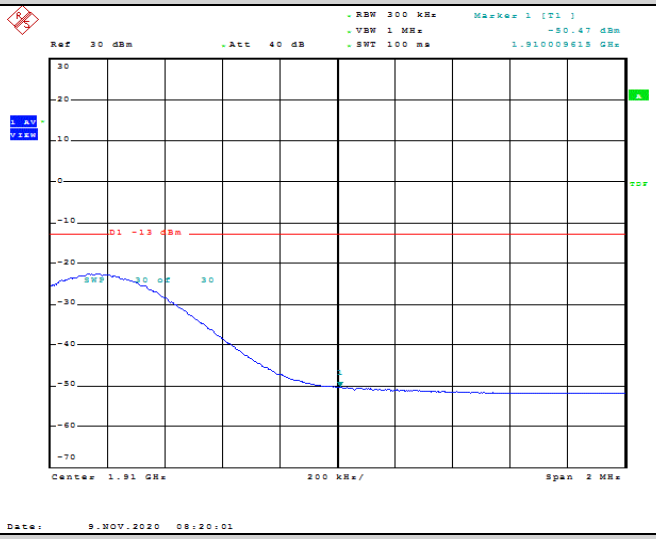
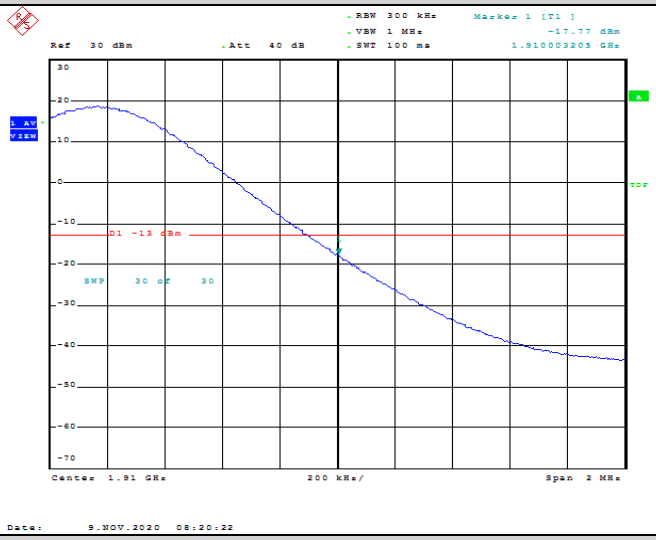
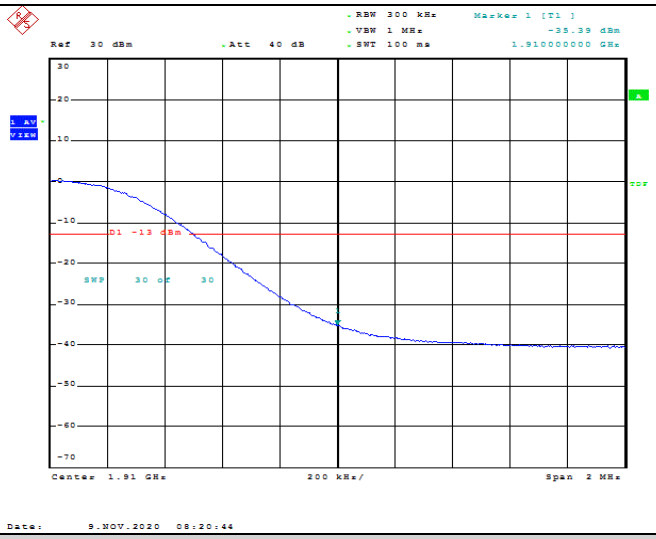


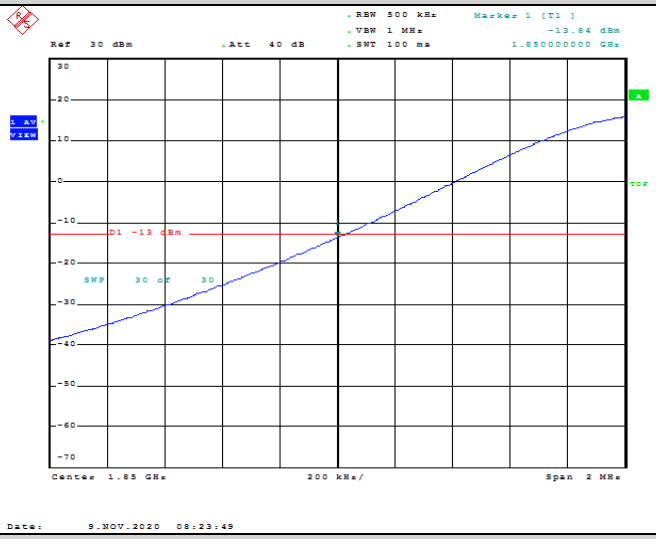
Band2-15MHz-16QAM-19125-1RB#74



Band2-15MHz-16QAM-19125-75RB#0



Band2-20MHz-QPSK-18700-1RB#0



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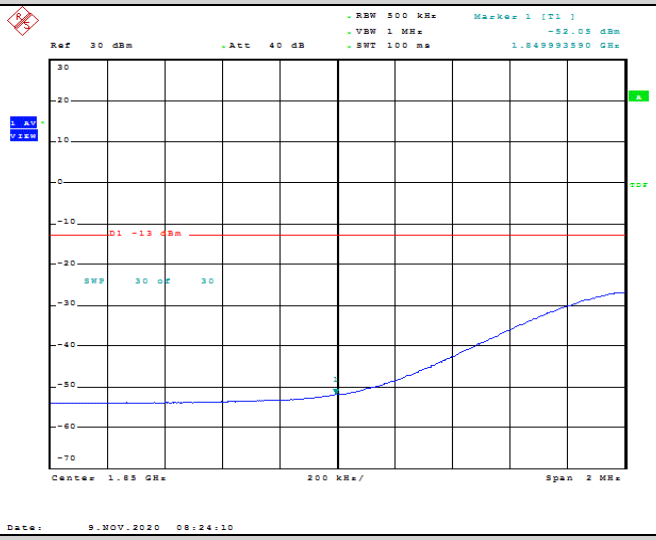

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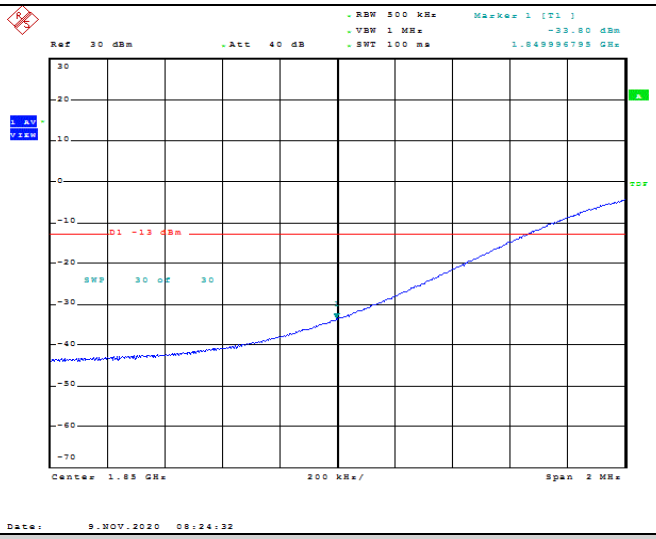
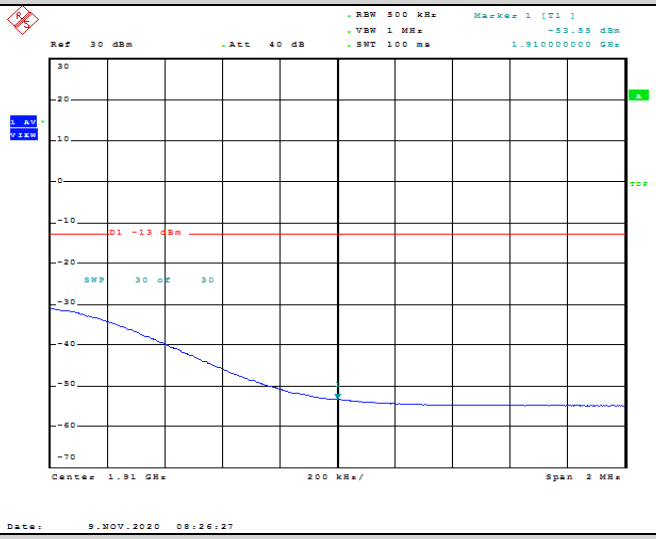


Band2-20MHz-QPSK-19100-1RB#0



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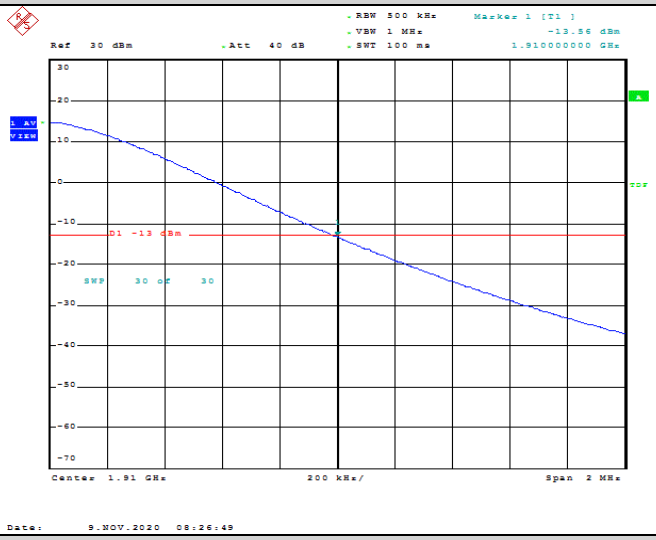

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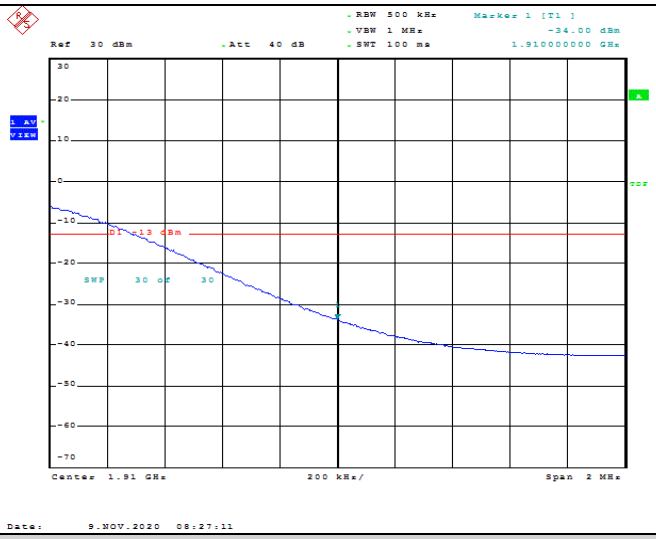

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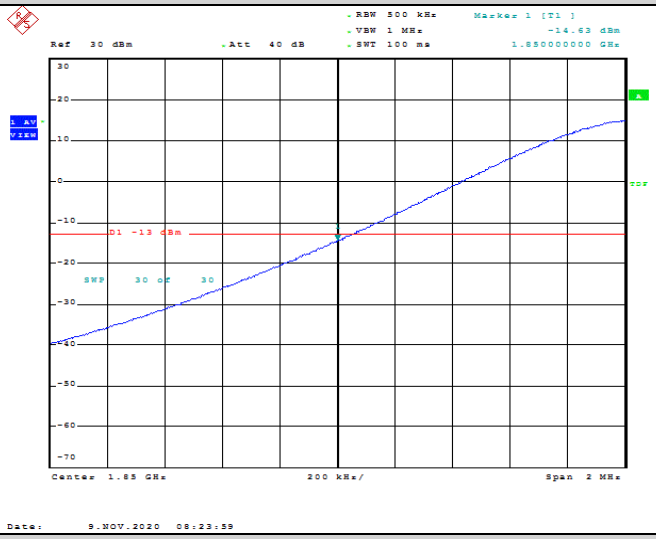

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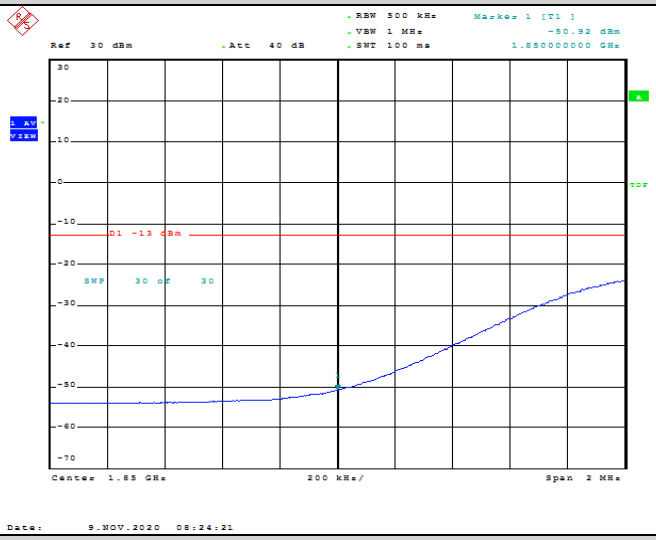

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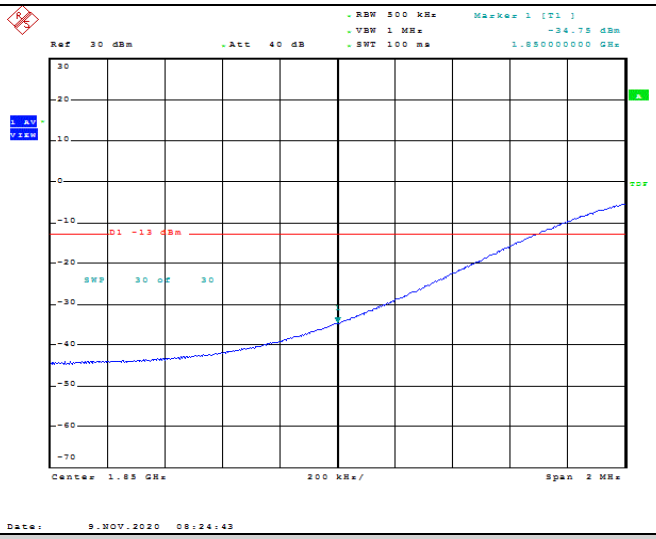

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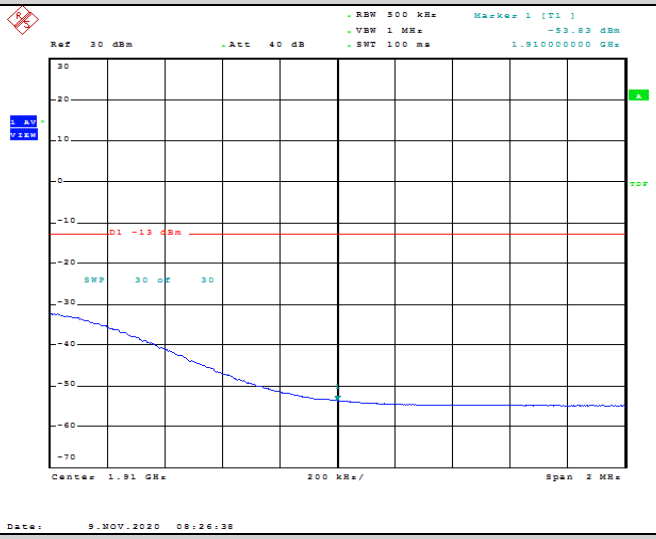

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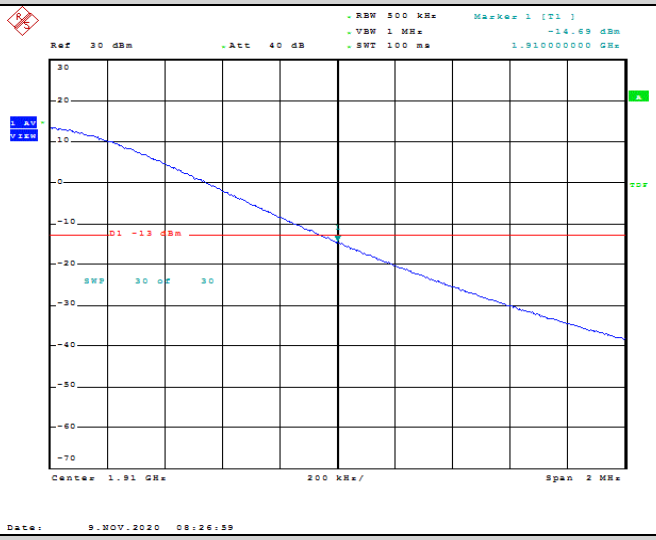

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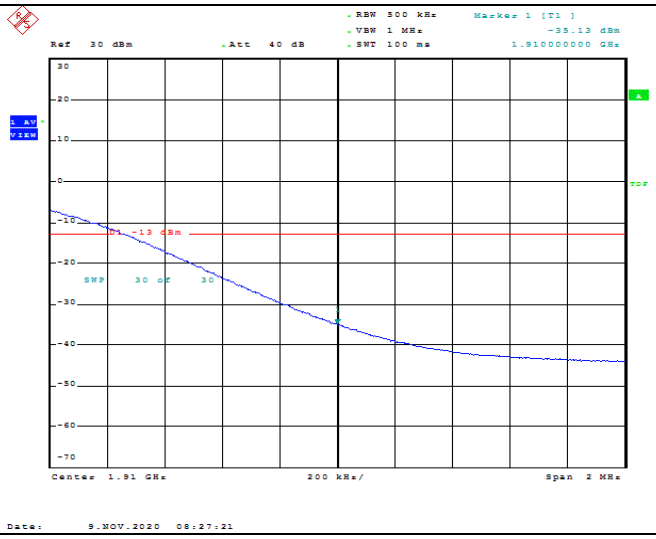
RBW 500 kHz
VBW 1 MHz
SWT 100 ms
Marker 1 [T1]
-35.13 dBm
1.910000000 GHz
Ref 30 dBm
Att 40 dB
1 AV
VIEW
A
corr
30
20
10
0
-10
-20
-30
-40
-50
-60
-70
D1 -13 dBm
SWP 30 of 30
Center 1.91 GHz
200 kHz/
Span 2 MHz
Date: 9.NOV.2020 08:27:21

1.5. Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	Range1:30~1000MHz	-39.71	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range2:1000~2000MHz	-36.54	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range3:2000~20000MHz	-23.77	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-39.29	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range2:1000~2000MHz	-37.12	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range3:2000~20000MHz	-26.56	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range1:30~1000MHz	-39.65	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range2:1000~2000MHz	-37.47	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range3:2000~20000MHz	-32.72	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range1:30~1000MHz	-39.09	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range2:1000~2000MHz	-36.33	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range3:2000~20000MHz	-22.93	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-39.51	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range2:1000~2000MHz	-37.82	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range3:2000~20000MHz	-25.77	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range1:30~1000MHz	-38.78	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range2:1000~2000MHz	-37	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range3:2000~20000MHz	-33.92	PASS
Band2	3MHz	QPSK	18615	1RB#0	Range1:30~1000MHz	-39.18	PASS
Band2	3MHz	QPSK	18615	1RB#0	Range2:1000~2000MHz	-37.62	PASS
Band2	3MHz	QPSK	18615	1RB#0	Range3:2000~20000MHz	-26.8	PASS
Band2	3MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-39.05	PASS
Band2	3MHz	QPSK	18900	1RB#0	Range2:1000~2000MHz	-37.73	PASS
Band2	3MHz	QPSK	18900	1RB#0	Range3:2000~20000MHz	-25.65	PASS
Band2	3MHz	QPSK	19185	1RB#0	Range1:30~1000MHz	-39.08	PASS
Band2	3MHz	QPSK	19185	1RB#0	Range2:1000~2000MHz	-37.21	PASS
Band2	3MHz	QPSK	19185	1RB#0	Range3:2000~20000MHz	-31.58	PASS
Band2	3MHz	16QAM	18615	1RB#0	Range1:30~1000MHz	-39.51	PASS
Band2	3MHz	16QAM	18615	1RB#0	Range2:1000~2000MHz	-36.9	PASS
Band2	3MHz	16QAM	18615	1RB#0	Range3:2000~20000MHz	-25.13	PASS
Band2	3MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-39.29	PASS
Band2	3MHz	16QAM	18900	1RB#0	Range2:1000~2000MHz	-37.49	PASS

Band2	3MHz	16QAM	18900	1RB#0	Range3:2000~20000MHz	-27.22	PASS
Band2	3MHz	16QAM	19185	1RB#0	Range1:30~1000MHz	-39.34	PASS
Band2	3MHz	16QAM	19185	1RB#0	Range2:1000~2000MHz	-37.57	PASS
Band2	3MHz	16QAM	19185	1RB#0	Range3:2000~20000MHz	-33.14	PASS
Band2	5MHz	QPSK	18625	1RB#0	Range1:30~1000MHz	-39	PASS
Band2	5MHz	QPSK	18625	1RB#0	Range2:1000~2000MHz	-37.11	PASS
Band2	5MHz	QPSK	18625	1RB#0	Range3:2000~20000MHz	-23.82	PASS
Band2	5MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-39.42	PASS
Band2	5MHz	QPSK	18900	1RB#0	Range2:1000~2000MHz	-37.72	PASS
Band2	5MHz	QPSK	18900	1RB#0	Range3:2000~20000MHz	-27.64	PASS
Band2	5MHz	QPSK	19175	1RB#0	Range1:30~1000MHz	-39.38	PASS
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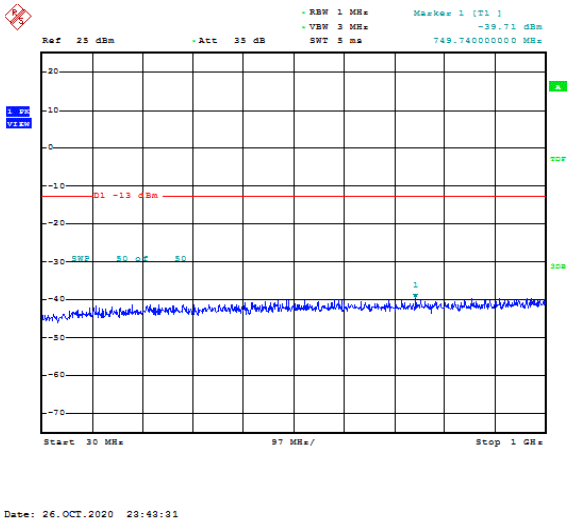
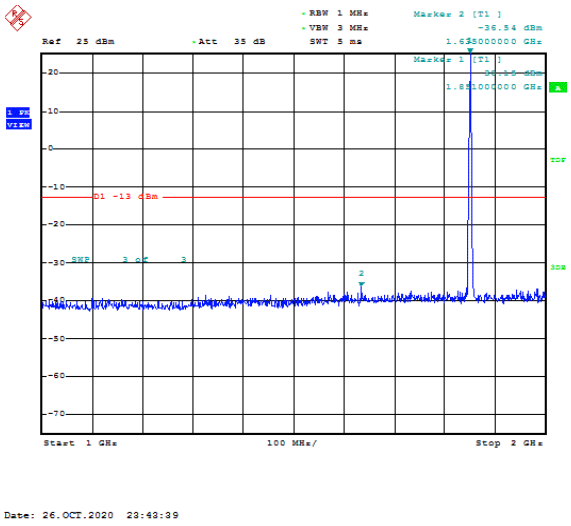
Band2	5MHz	16QAM	18625	1RB#0	Range1:30~1000MHz	-38.77	PASS
Band2	5MHz	16QAM	18625	1RB#0	Range2:1000~2000MHz	-36.51	PASS
Band2	5MHz	16QAM	18625	1RB#0	Range3:2000~20000MHz	-23.77	PASS
Band2	5MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-39.16	PASS
Band2	5MHz	16QAM	18900	1RB#0	Range2:1000~2000MHz	-36.9	PASS
Band2	5MHz	16QAM	18900	1RB#0	Range3:2000~20000MHz	-24.72	PASS
Band2	5MHz	16QAM	19175	1RB#0	Range1:30~1000MHz	-39.75	PASS
Band2	5MHz	16QAM	19175	1RB#0	Range2:1000~2000MHz	-37.14	PASS
Band2	5MHz	16QAM	19175	1RB#0	Range3:2000~20000MHz	-32	PASS
Band2	10MHz	QPSK	18650	1RB#0	Range1:30~1000MHz	-39.62	PASS
Band2	10MHz	QPSK	18650	1RB#0	Range2:1000~2000MHz	-37.09	PASS
Band2	10MHz	QPSK	18650	1RB#0	Range3:2000~20000MHz	-23.2	PASS
Band2	10MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-39.24	PASS
Band2	10MHz	QPSK	18900	1RB#0	Range2:1000~2000MHz	-37.13	PASS
Band2	10MHz	QPSK	18900	1RB#0	Range3:2000~20000MHz	-22.65	PASS
Band2	10MHz	QPSK	19150	1RB#0	Range1:30~1000MHz	-39.36	PASS
Band2	10MHz	QPSK	19150	1RB#0	Range2:1000~2000MHz	-37.06	PASS
Band2	10MHz	QPSK	19150	1RB#0	Range3:2000~20000MHz	-31.4	PASS
Band2	10MHz	16QAM	18650	1RB#0	Range1:30~1000MHz	-39.53	PASS
Band2	10MHz	16QAM	18650	1RB#0	Range2:1000~2000MHz	-37.63	PASS
Band2	10MHz	16QAM	18650	1RB#0	Range3:2000~20000MHz	-25.84	PASS
Band2	10MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-39.04	PASS
Band2	10MHz	16QAM	18900	1RB#0	Range2:1000~2000MHz	-37.53	PASS
Band2	10MHz	16QAM	18900	1RB#0	Range3:2000~20000MHz	-23.17	PASS
Band2	10MHz	16QAM	19150	1RB#0	Range1:30~1000MHz	-39.24	PASS

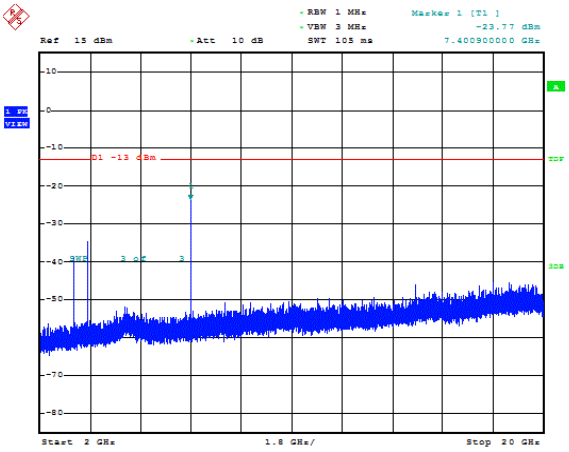
Band2	10MHz	16QAM	19150	1RB#0	Range2:1000~2000MHz	-37.11	PASS
Band2	10MHz	16QAM	19150	1RB#0	Range3:2000~20000MHz	-30.2	PASS
Band2	15MHz	QPSK	18675	1RB#0	Range1:30~1000MHz	-37.96	PASS
Band2	15MHz	QPSK	18675	1RB#0	Range2:1000~2000MHz	-32.06	PASS
Band2	15MHz	QPSK	18675	1RB#0	Range3:2000~20000MHz	-21.27	PASS
Band2	15MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-38.57	PASS
Band2	15MHz	QPSK	18900	1RB#0	Range2:1000~2000MHz	-32.2	PASS
Band2	15MHz	QPSK	18900	1RB#0	Range3:2000~20000MHz	-26.82	PASS
Band2	15MHz	QPSK	19125	1RB#0	Range1:30~1000MHz	-38.28	PASS
Band2	15MHz	QPSK	19125	1RB#0	Range2:1000~2000MHz	-32.05	PASS
Band2	15MHz	QPSK	19125	1RB#0	Range3:2000~20000MHz	-29.62	PASS
Band2	15MHz	16QAM	18675	1RB#0	Range1:30~1000MHz	-38.84	PASS
Band2	15MHz	16QAM	18675	1RB#0	Range2:1000~2000MHz	-32.57	PASS
Band2	15MHz	16QAM	18675	1RB#0	Range3:2000~20000MHz	-20.94	PASS
Band2	15MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-38.42	PASS
Band2	15MHz	16QAM	18900	1RB#0	Range2:1000~2000MHz	-32	PASS
Band2	15MHz	16QAM	18900	1RB#0	Range3:2000~20000MHz	-25.48	PASS
Band2	15MHz	16QAM	19125	1RB#0	Range1:30~1000MHz	-37.16	PASS
Band2	15MHz	16QAM	19125	1RB#0	Range2:1000~2000MHz	-31.98	PASS
Band2	15MHz	16QAM	19125	1RB#0	Range3:2000~20000MHz	-30.15	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range1:30~1000MHz	-38.25	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range2:1000~2000MHz	-32.04	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range3:2000~20000MHz	-21.83	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-37.81	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range2:1000~2000MHz	-32.05	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range3:2000~20000MHz	-25.2	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range1:30~1000MHz	-38.58	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range2:1000~2000MHz	-31.88	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range3:2000~20000MHz	-29.51	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range1:30~1000MHz	-37.83	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range2:1000~2000MHz	-32.07	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range3:2000~20000MHz	-20.94	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-38.59	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range2:1000~2000MHz	-32.09	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range3:2000~20000MHz	-27.69	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range1:30~1000MHz	-38.51	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range2:1000~2000MHz	-32.5	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range3:2000~20000MHz	-29.65	PASS

Test Graphs

Band2-1.4MHz-QPSK-18607-1RB#0-Range1:30~1000MHz


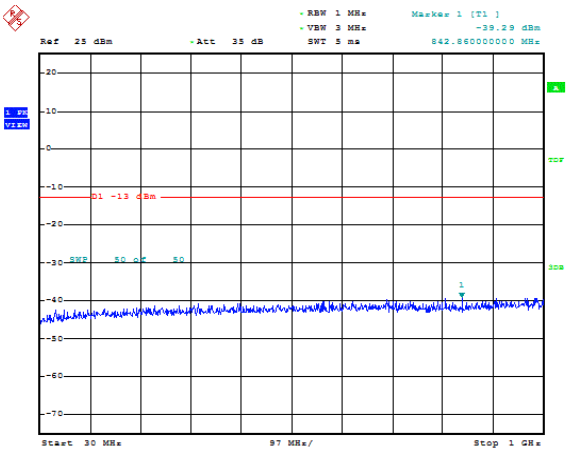
Band2-1.4MHz-QPSK-18607-1RB#0-Range2:1000~2000MHz


Band2-1.4MHz-QPSK-18607-1RB#0-Range3:2000~20000MHz



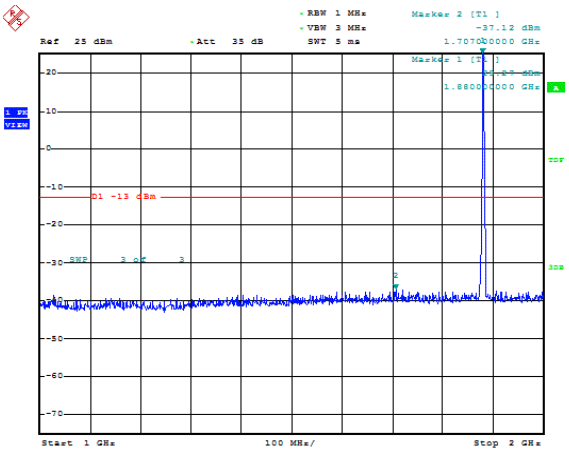
Date: 26.OCT.2020 23:43:47

Band2-1.4MHz-QPSK-18900-1RB#0-Range1:30~1000MHz



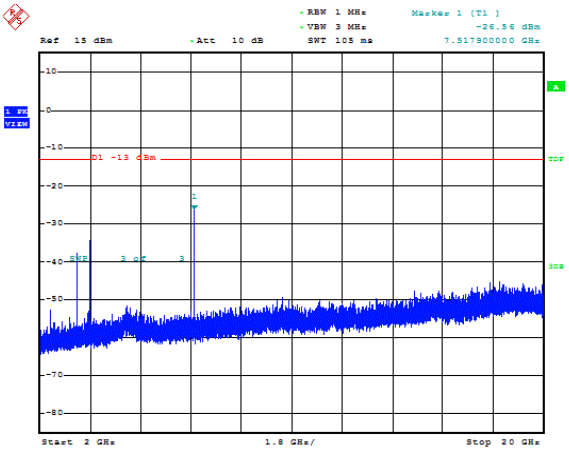
Date: 26.OCT.2020 23:44:24

Band2-1.4MHz-QPSK-18900-1RB#0-Range2:1000~2000MHz



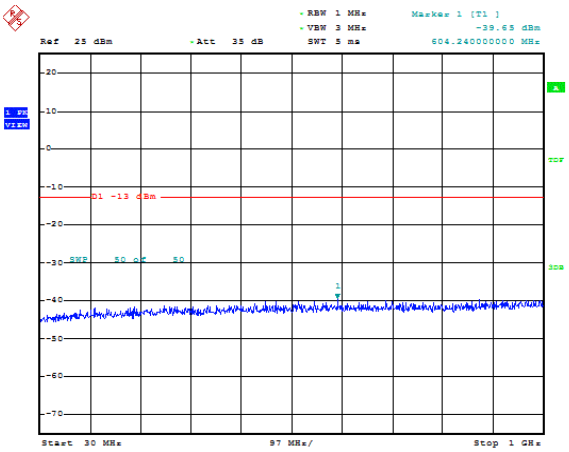
Date: 26.OCT.2020 23:44:32

Band2-1.4MHz-QPSK-18900-1RB#0-Range3:2000~20000MHz



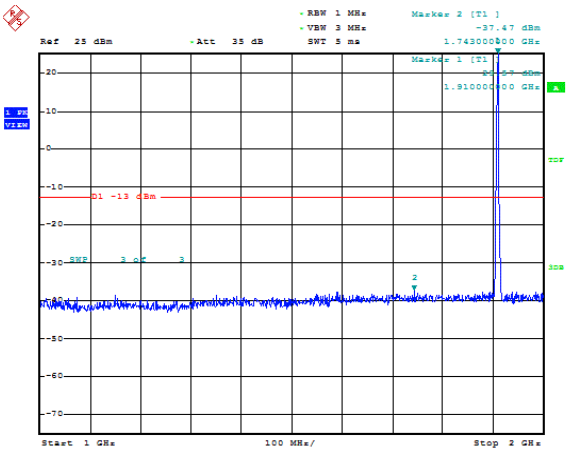
Date: 26.OCT.2020 23:44:40

Band2-1.4MHz-QPSK-19193-1RB#0-Range1:30~1000MHz



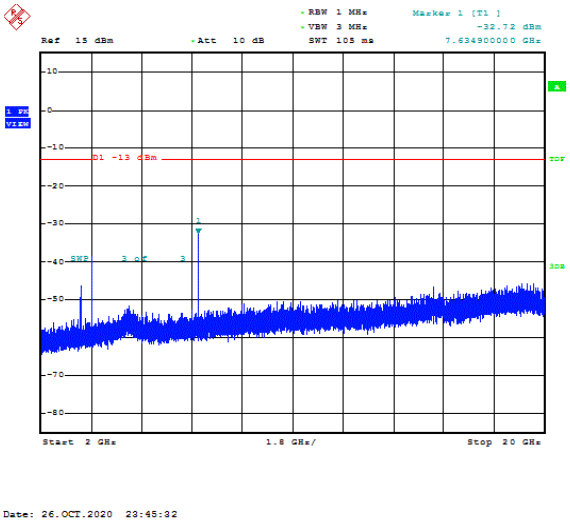
Date: 26.OCT.2020 23:45:16

Band2-1.4MHz-QPSK-19193-1RB#0-Range2:1000~2000MHz

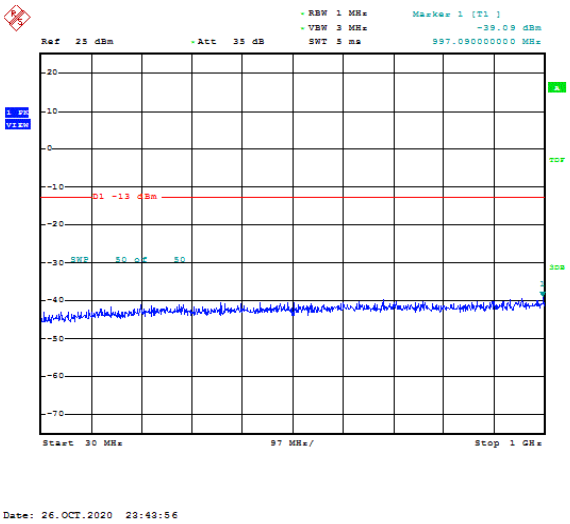


Date: 26.OCT.2020 23:45:24

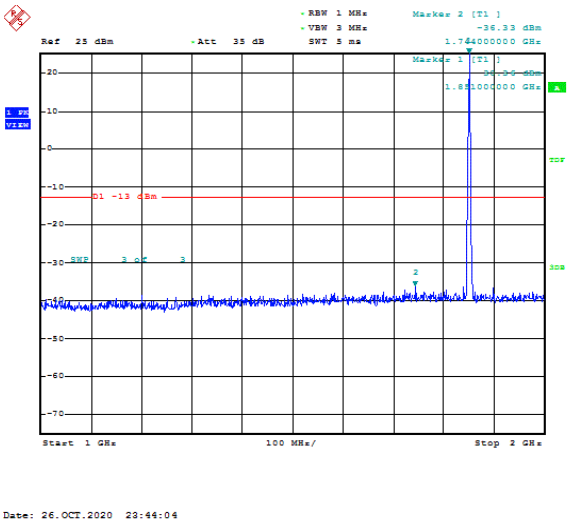
Band2-1.4MHz-QPSK-19193-1RB#0-Range3:2000~20000MHz



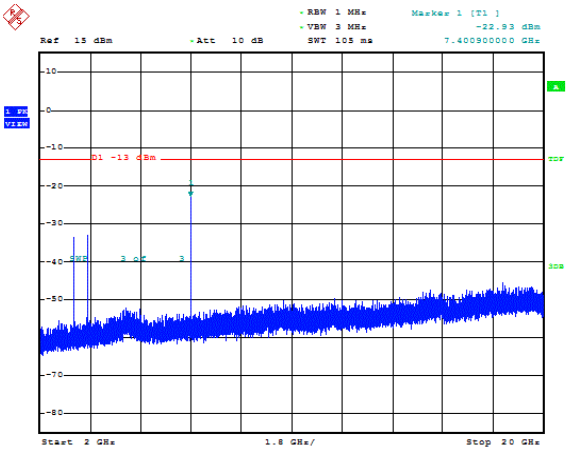
Band2-1.4MHz-16QAM-18607-1RB#0-Range1:30~1000MHz



Band2-1.4MHz-16QAM-18607-1RB#0-Range2:1000~2000MHz

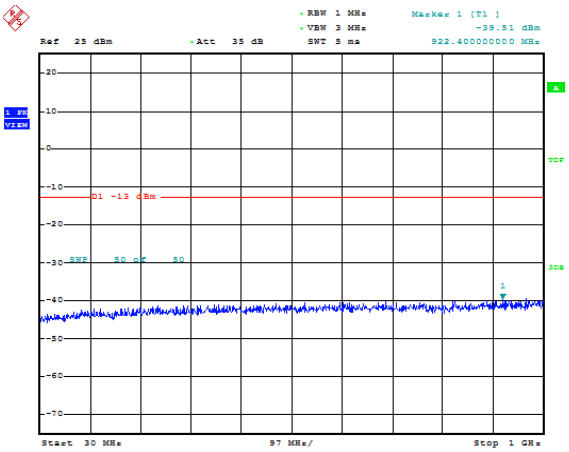


Band2-1.4MHz-16QAM-18607-1RB#0-Range3:2000~20000MHz



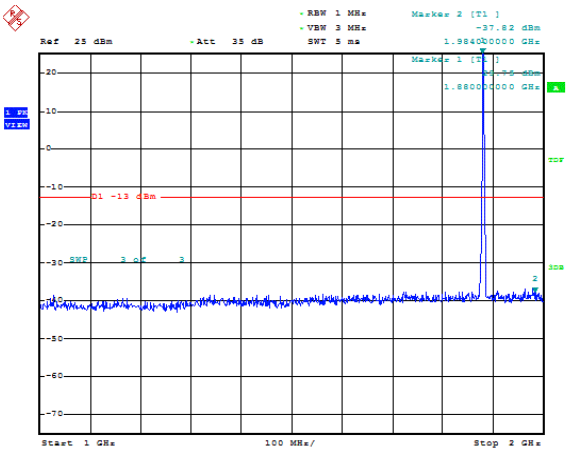
Date: 26.OCT.2020 23:44:12

Band2-1.4MHz-16QAM-18900-1RB#0-Range1:30~1000MHz



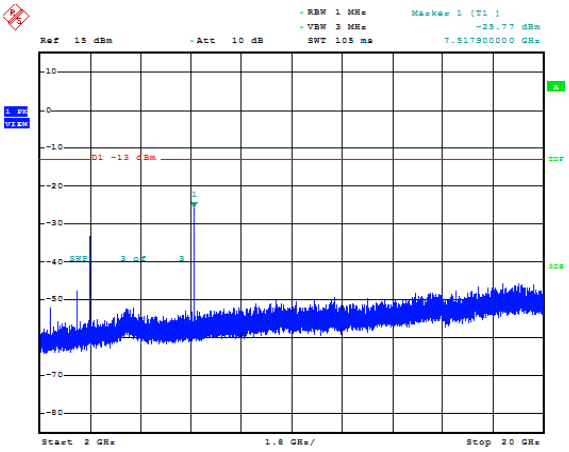
Date: 26.OCT.2020 23:44:49

Band2-1.4MHz-16QAM-18900-1RB#0-Range2:1000~2000MHz



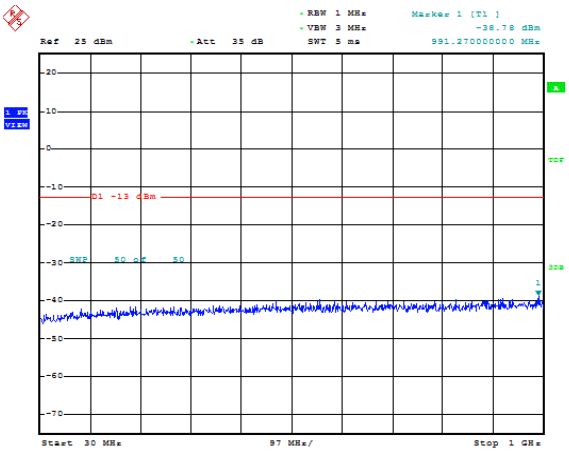
Date: 26.OCT.2020 23:44:57

Band2-1.4MHz-16QAM-18900-1RB#0-Range3:2000~20000MHz



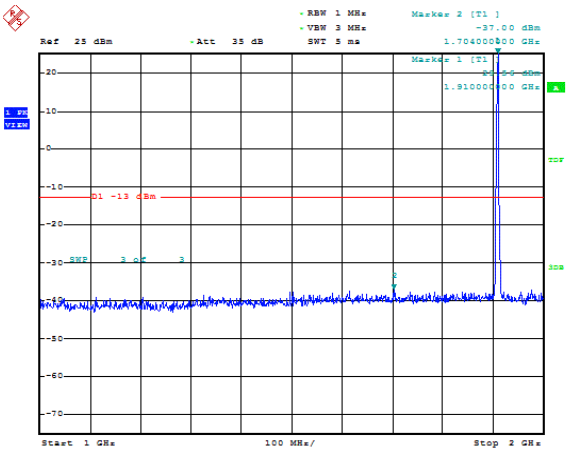
Date: 26.OCT.2020 23:45:05

Band2-1.4MHz-16QAM-19193-1RB#0-Range1:30~1000MHz



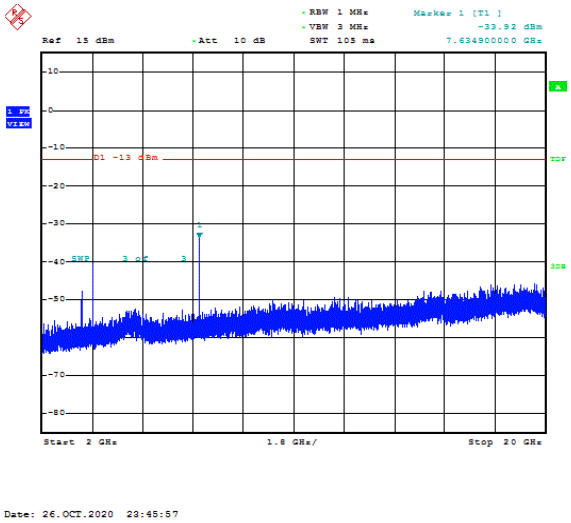
Date: 26.OCT.2020 23:45:41

Band2-1.4MHz-16QAM-19193-1RB#0-Range2:1000~2000MHz

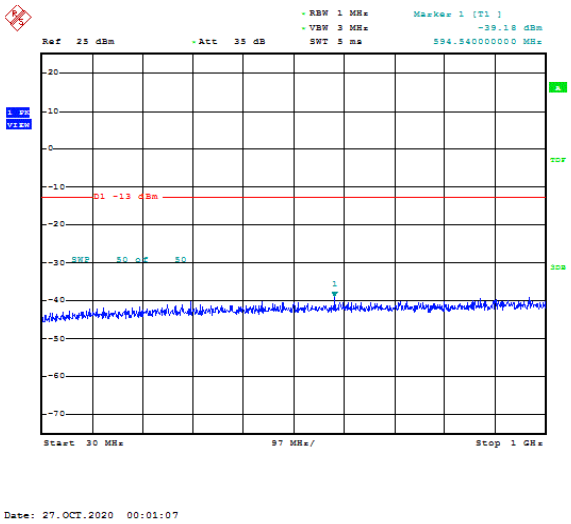


Date: 26.OCT.2020 23:45:49

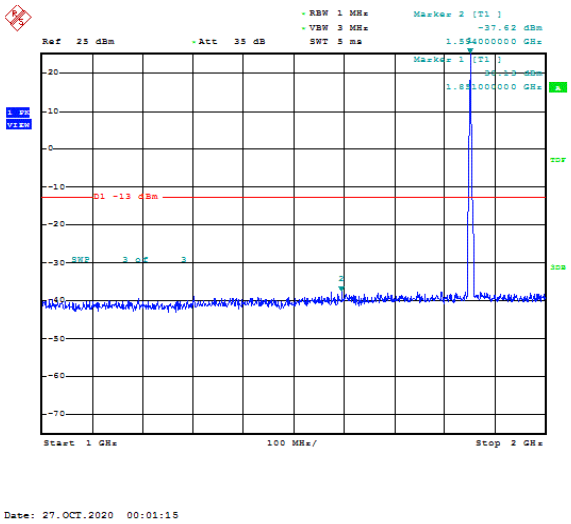
Band2-1.4MHz-16QAM-19193-1RB#0-Range3:2000~20000MHz



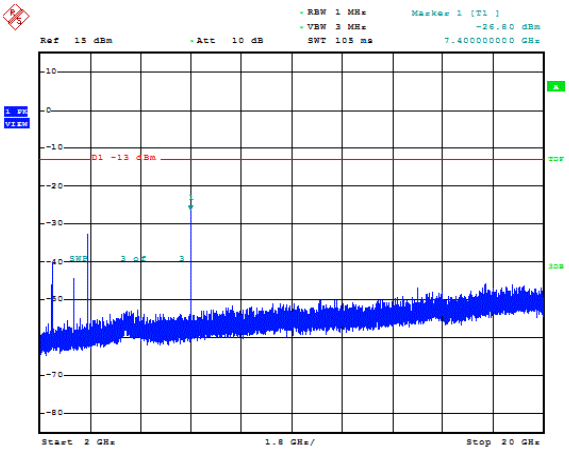
Band2-3MHz-QPSK-18615-1RB#0-Range1:30~1000MHz



Band2-3MHz-QPSK-18615-1RB#0-Range2:1000~2000MHz

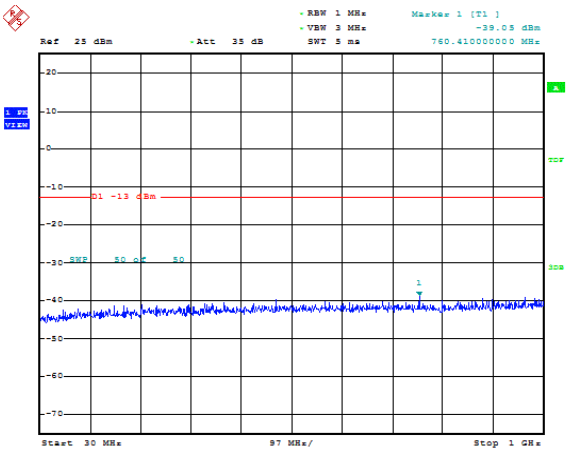


Band2-3MHz-QPSK-18615-1RB#0-Range3:2000~20000MHz



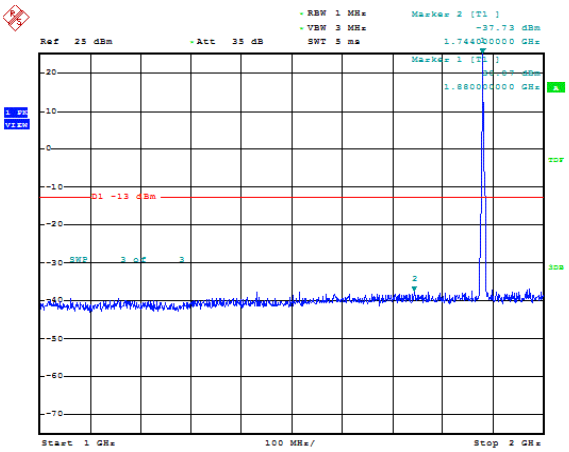
Date: 27.OCT.2020 00:01:23

Band2-3MHz-QPSK-18900-1RB#0-Range1:30~1000MHz



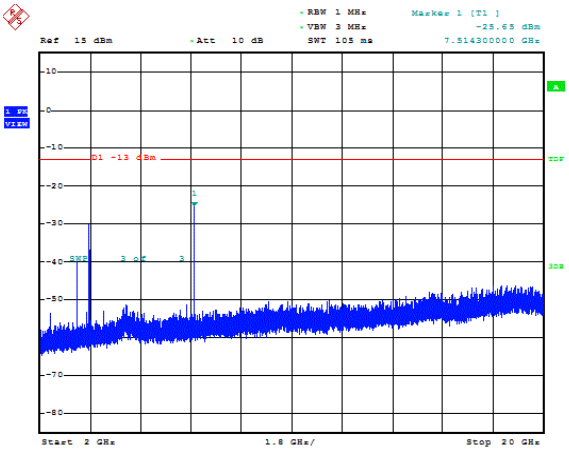
Date: 27.OCT.2020 00:01:59

Band2-3MHz-QPSK-18900-1RB#0-Range2:1000~2000MHz



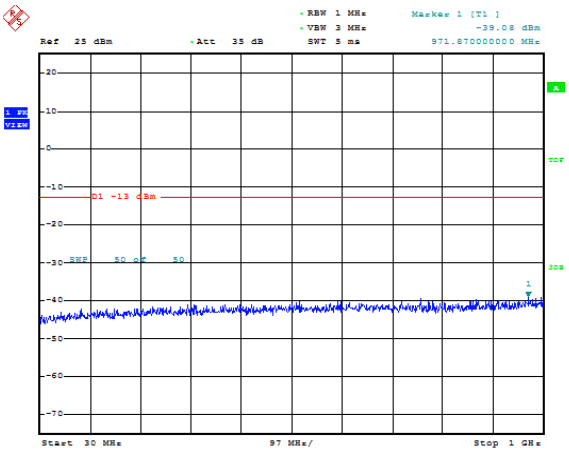
Date: 27.OCT.2020 00:02:07

Band2-3MHz-QPSK-18900-1RB#0-Range3:2000~20000MHz



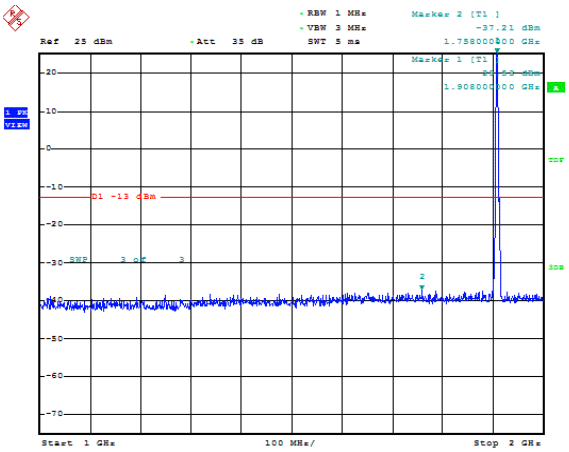
Date: 27.OCT.2020 00:02:15

Band2-3MHz-QPSK-19185-1RB#0-Range1:30~1000MHz



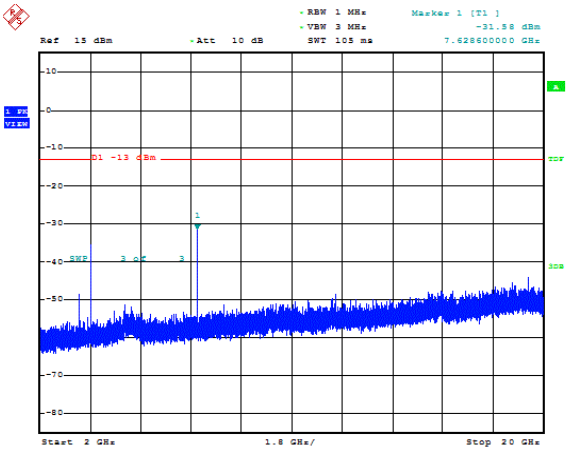
Date: 27.OCT.2020 00:02:51

Band2-3MHz-QPSK-19185-1RB#0-Range2:1000~2000MHz



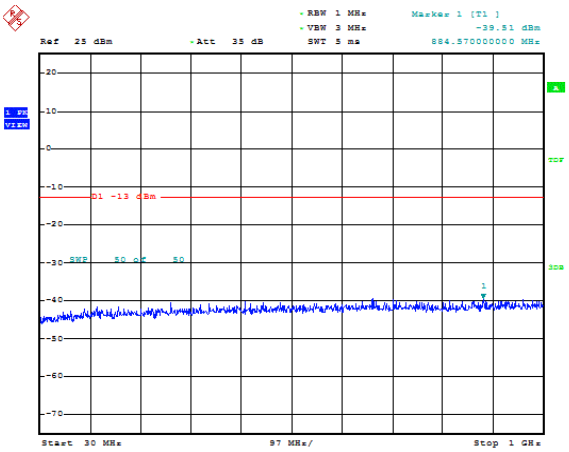
Date: 27.OCT.2020 00:02:59

Band2-3MHz-QPSK-19185-1RB#0-Range3:2000~20000MHz



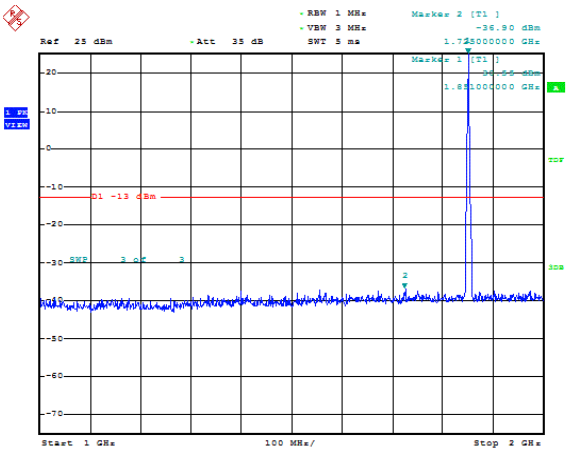
Date: 27.OCT.2020 00:03:07

Band2-3MHz-16QAM-18615-1RB#0-Range1:30~1000MHz



Date: 27.OCT.2020 00:01:32

Band2-3MHz-16QAM-18615-1RB#0-Range2:1000~2000MHz



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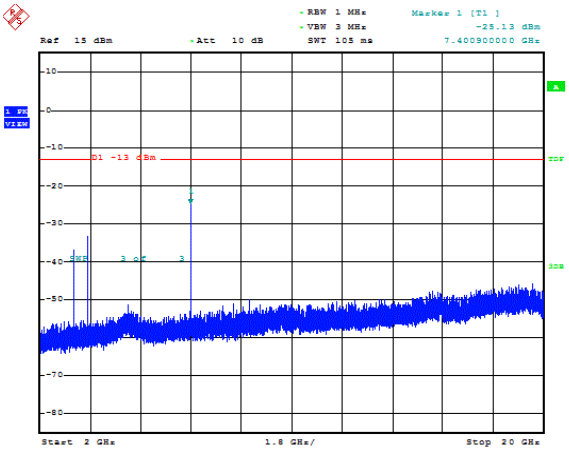
Band2-3MHz-16QAM-18615-1RB#0-Range3:2000~20000MHz



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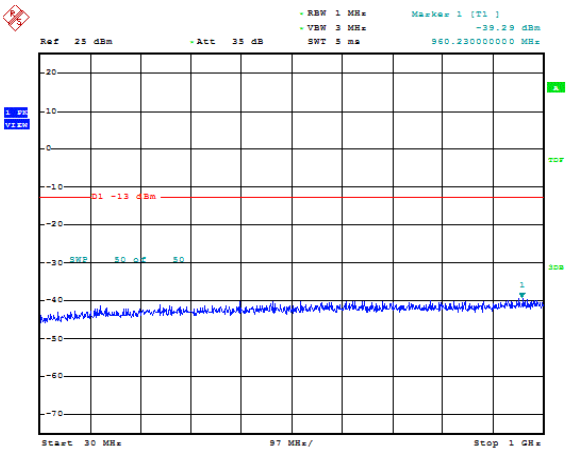
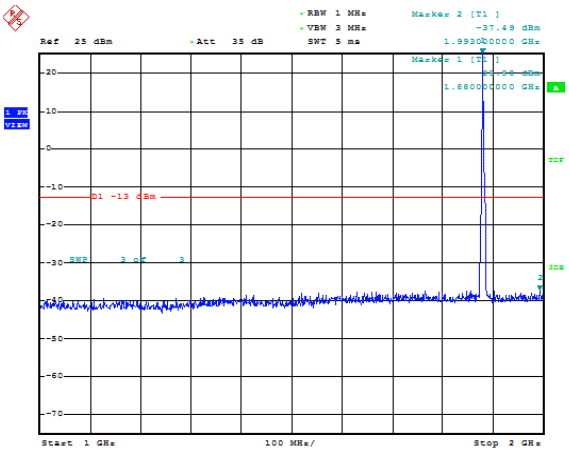
Band2-3MHz-16QAM-18900-1RB#0-Range1:30~1000MHz



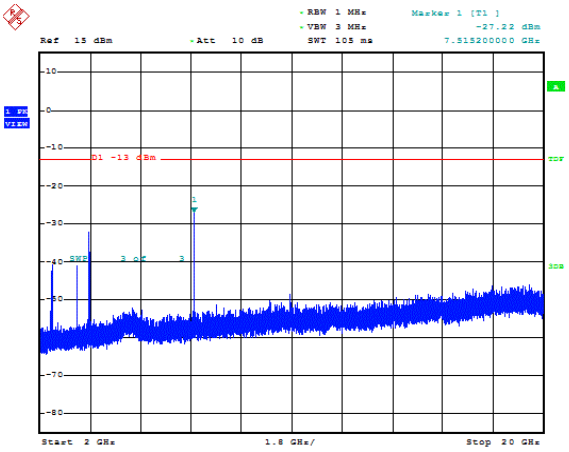
Date: 27.OCT.2020 00:02:24

Band2-3MHz-16QAM-18900-1RB#0-Range2:1000~2000MHz



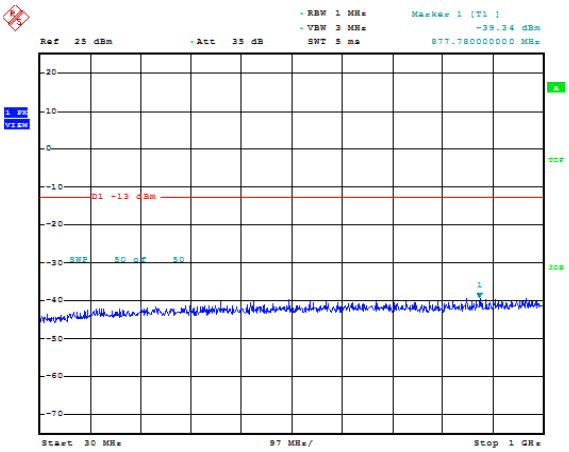
Date: 27.OCT.2020 00:02:32

Band2-3MHz-16QAM-18900-1RB#0-Range3:2000~20000MHz



Date: 27.OCT.2020 00:02:40

Band2-3MHz-16QAM-19185-1RB#0-Range1:30~1000MHz



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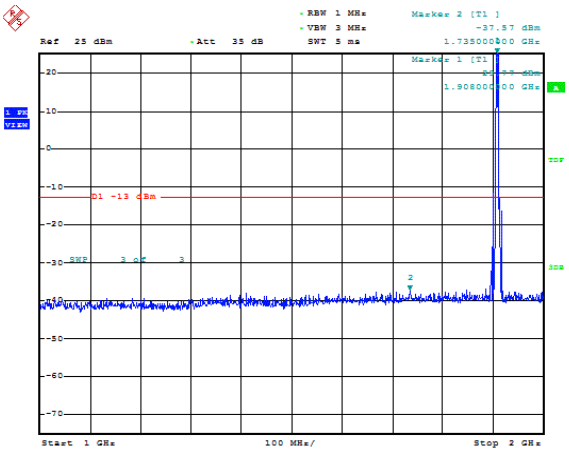
Band2-3MHz-16QAM-19185-1RB#0-Range2:1000~2000MHz



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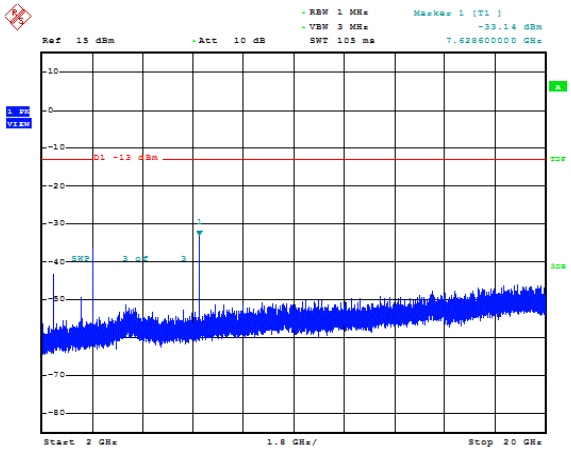
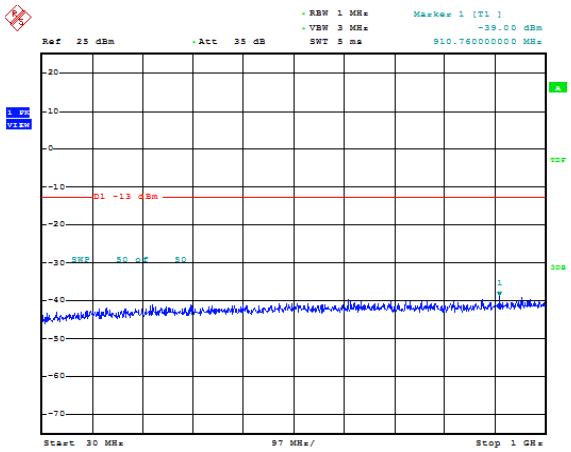
Band2-3MHz-16QAM-19185-1RB#0-Range3:2000~20000MHz



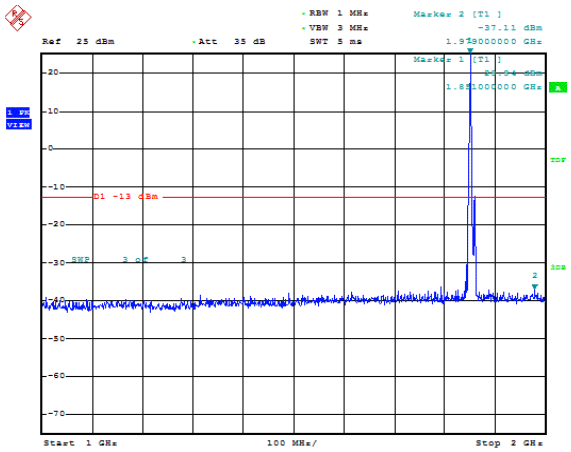
Date: 27.OCT.2020 00:03:32

Band2-5MHz-QPSK-18625-1RB#0-Range1:30~1000MHz



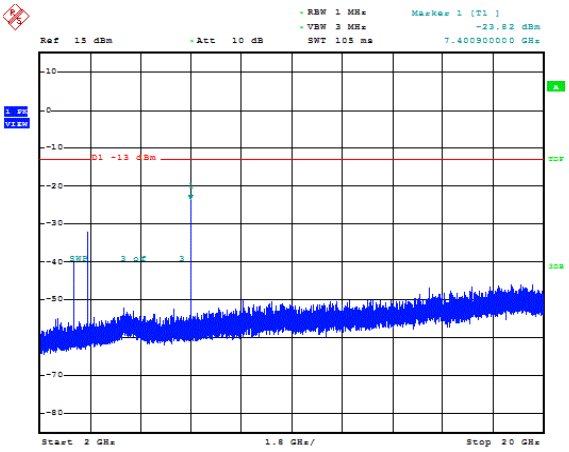
Date: 27.OCT.2020 00:19:26

Band2-5MHz-QPSK-18625-1RB#0-Range2:1000~2000MHz



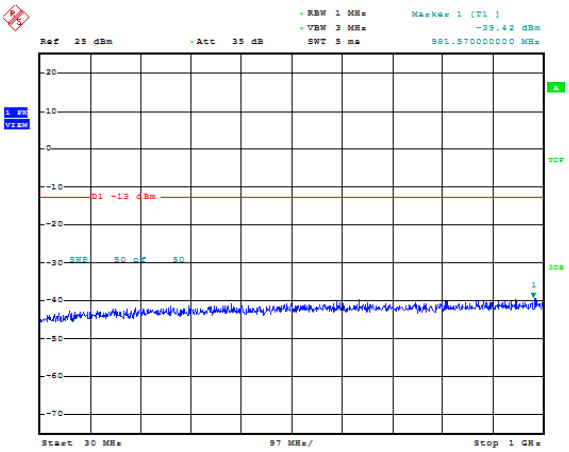
Date: 27.OCT.2020 00:19:34

Band2-5MHz-QPSK-18625-1RB#0-Range3:2000~20000MHz



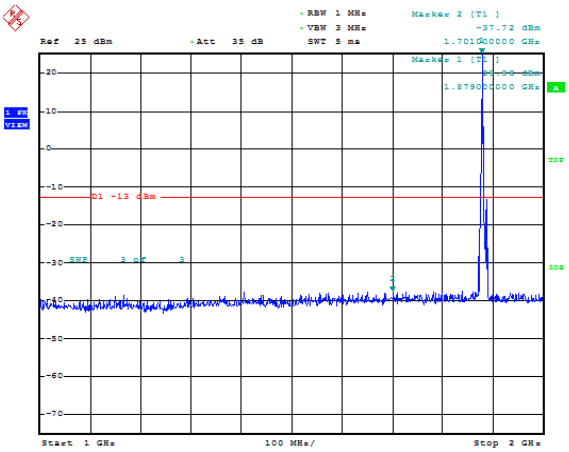
Date: 27.OCT.2020 00:19:42

Band2-5MHz-QPSK-18900-1RB#0-Range1:30~1000MHz



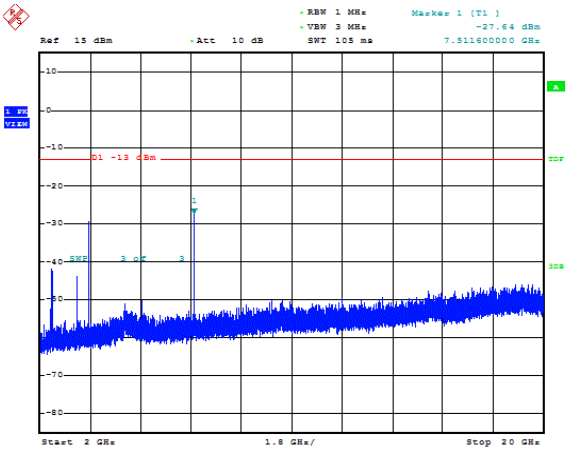
Date: 27.OCT.2020 00:20:19

Band2-5MHz-QPSK-18900-1RB#0-Range2:1000~2000MHz



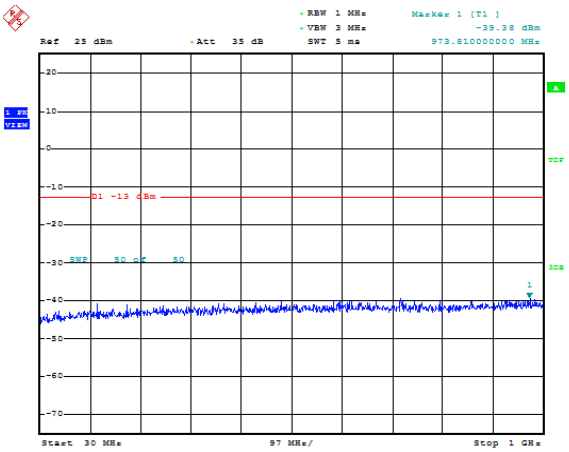
Date: 27.OCT.2020 00:20:27

Band2-5MHz-QPSK-18900-1RB#0-Range3:2000~20000MHz



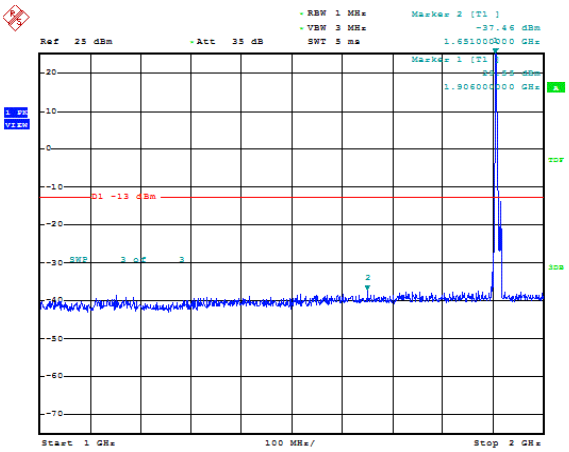
Date: 27.OCT.2020 00:20:35

Band2-5MHz-QPSK-19175-1RB#0-Range1:30~1000MHz



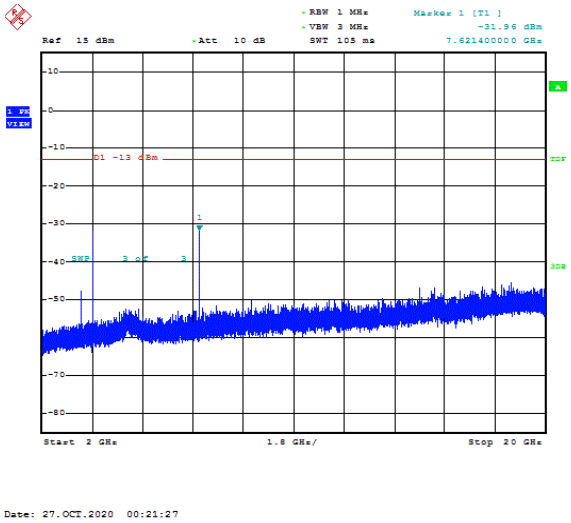
Date: 27.OCT.2020 00:21:11

Band2-5MHz-QPSK-19175-1RB#0-Range2:1000~2000MHz

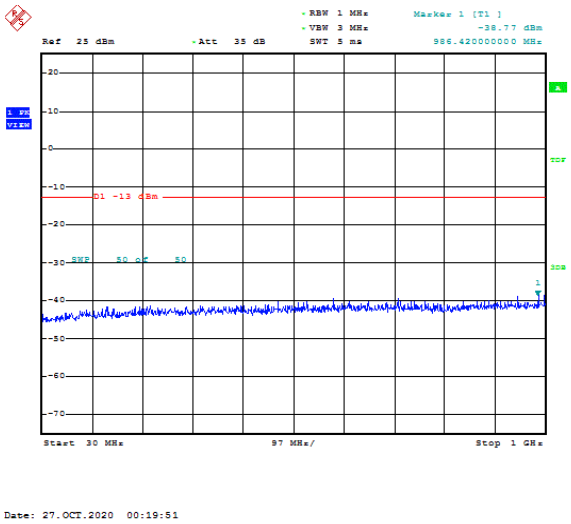


Date: 27.OCT.2020 00:21:19

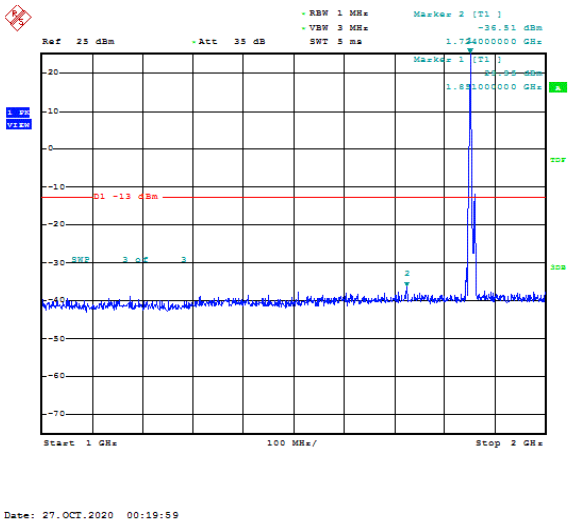
Band2-5MHz-QPSK-19175-1RB#0-Range3:2000~20000MHz



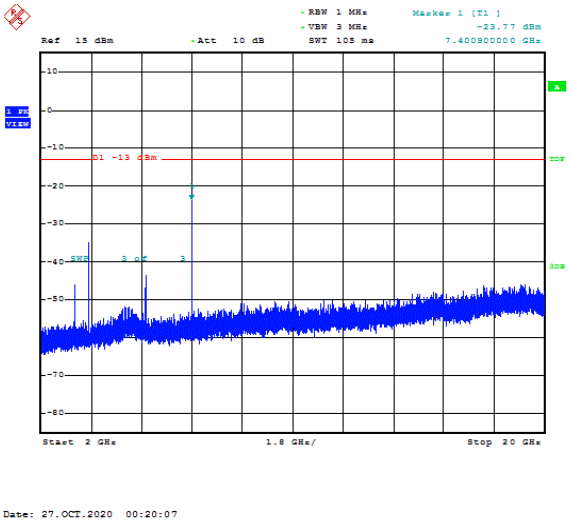
Band2-5MHz-16QAM-18625-1RB#0-Range1:30~1000MHz



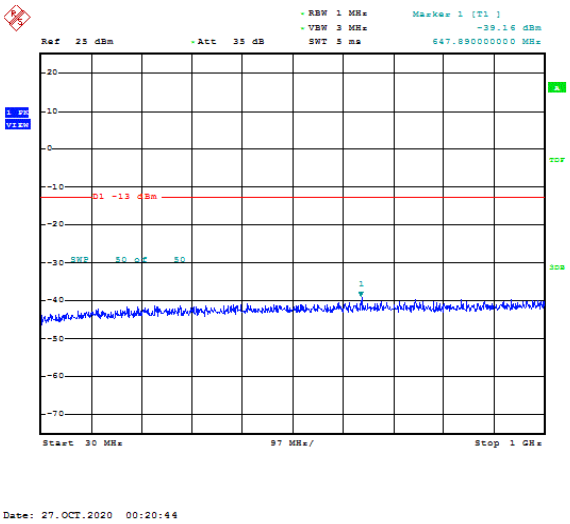
Band2-5MHz-16QAM-18625-1RB#0-Range2:1000~2000MHz



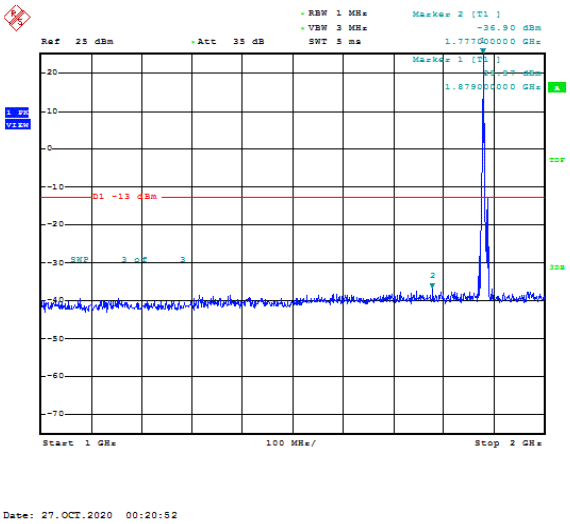
Band2-5MHz-16QAM-18625-1RB#0-Range3:2000~20000MHz



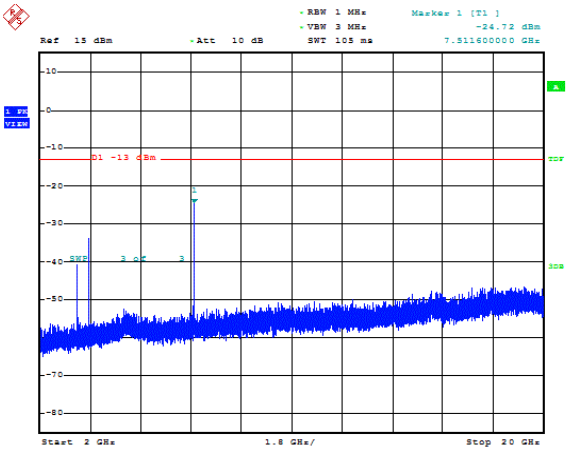
Band2-5MHz-16QAM-18900-1RB#0-Range1:30~1000MHz



Band2-5MHz-16QAM-18900-1RB#0-Range2:1000~2000MHz



Band2-5MHz-16QAM-18900-1RB#0-Range3:2000~20000MHz



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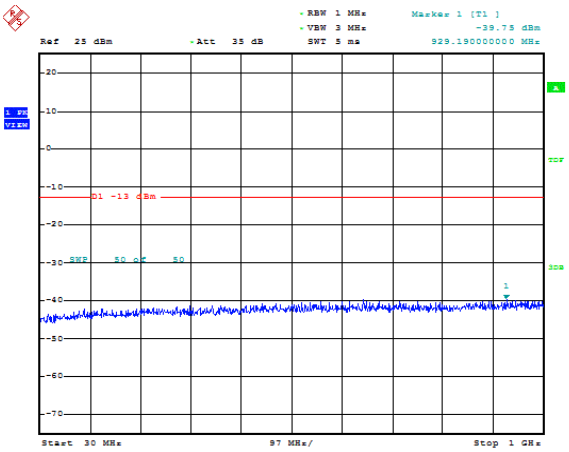
Band2-5MHz-16QAM-19175-1RB#0-Range1:30~1000MHz



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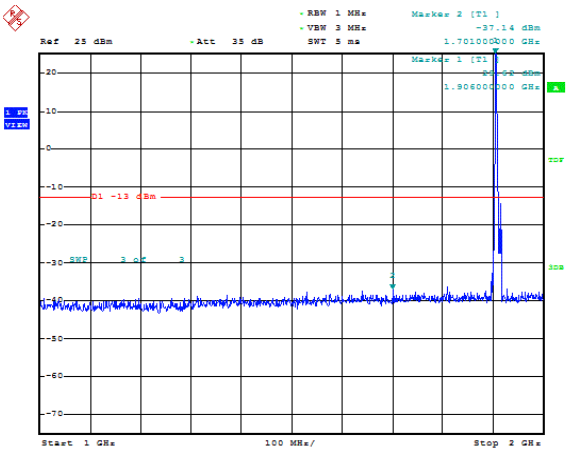
Band2-5MHz-16QAM-19175-1RB#0-Range2:1000~2000MHz



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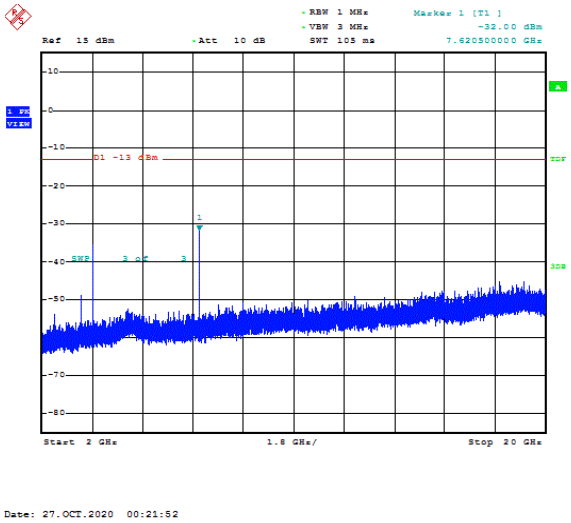
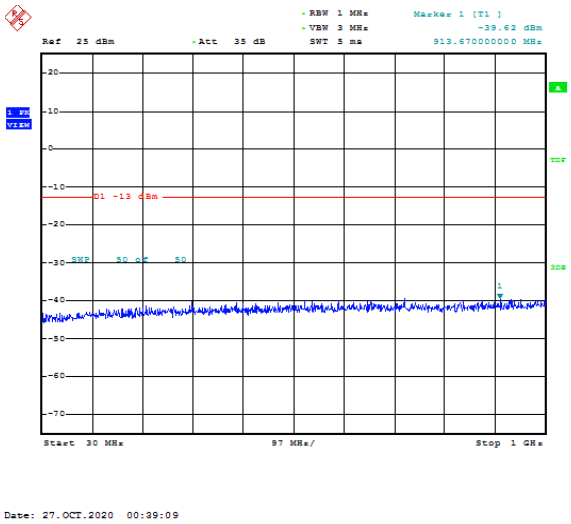
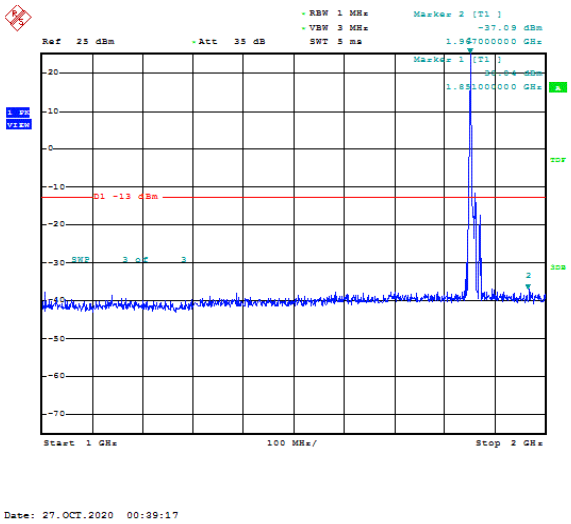
Band2-5MHz-16QAM-19175-1RB#0-Range3:2000~20000MHz



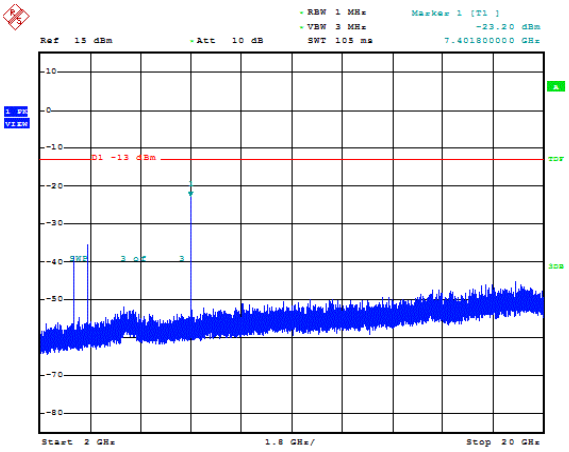
Band2-10MHz-QPSK-18650-1RB#0-Range1:30~1000MHz



Band2-10MHz-QPSK-18650-1RB#0-Range2:1000~2000MHz



Band2-10MHz-QPSK-18650-1RB#0-Range3:2000~20000MHz



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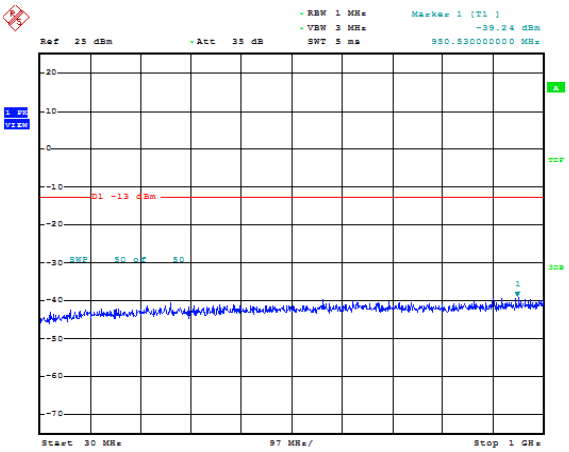
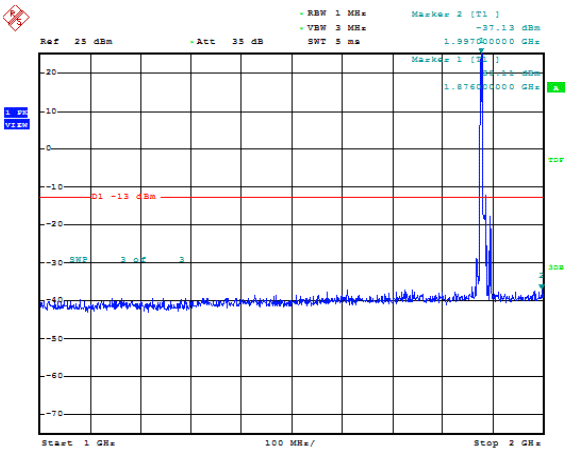
Band2-10MHz-QPSK-18900-1RB#0-Range1:30~1000MHz



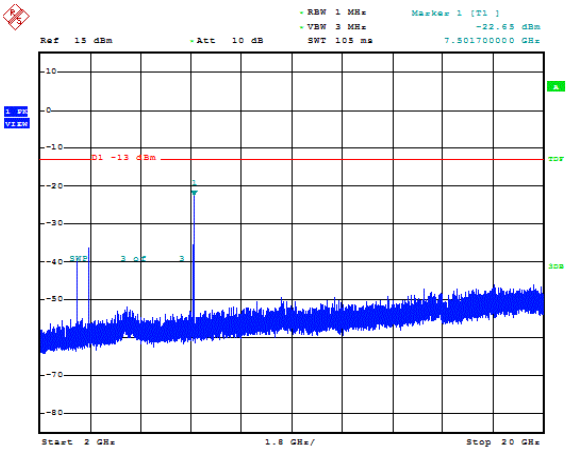
Date: 27.OCT.2020 00:40:02

Band2-10MHz-QPSK-18900-1RB#0-Range2:1000~2000MHz



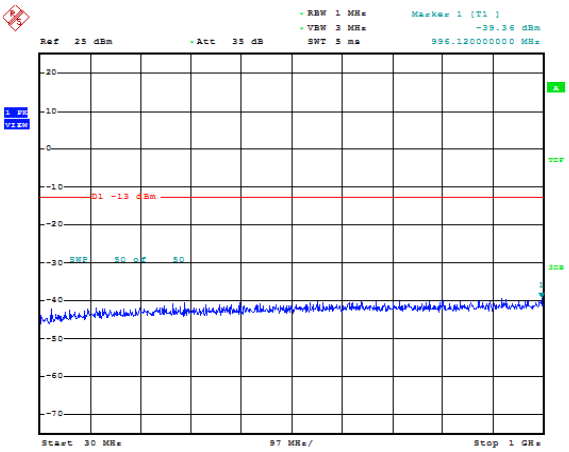
Date: 27.OCT.2020 00:40:10

Band2-10MHz-QPSK-18900-1RB#0-Range3:2000~20000MHz



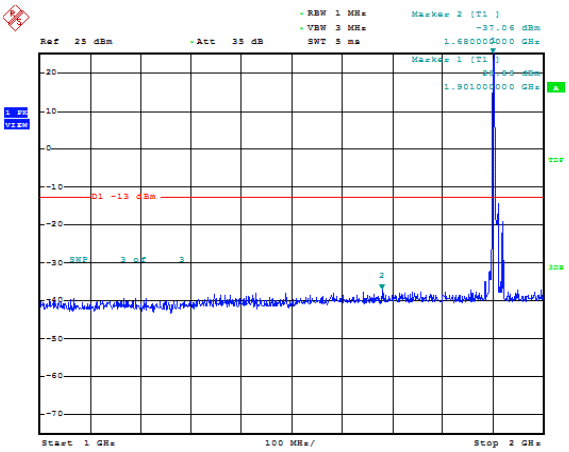
Date: 27.OCT.2020 00:40:18

Band2-10MHz-QPSK-19150-1RB#0-Range1:30~1000MHz



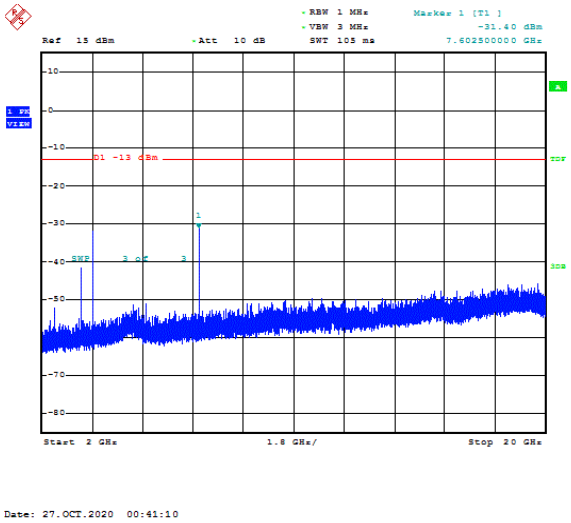
Date: 27.OCT.2020 00:40:54

Band2-10MHz-QPSK-19150-1RB#0-Range2:1000~2000MHz

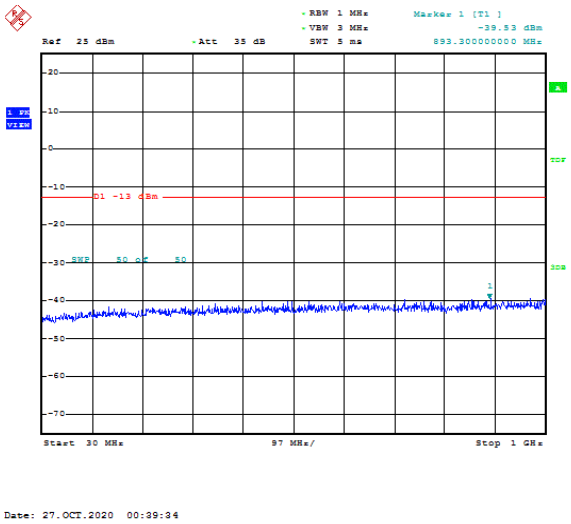


Date: 27.OCT.2020 00:41:02

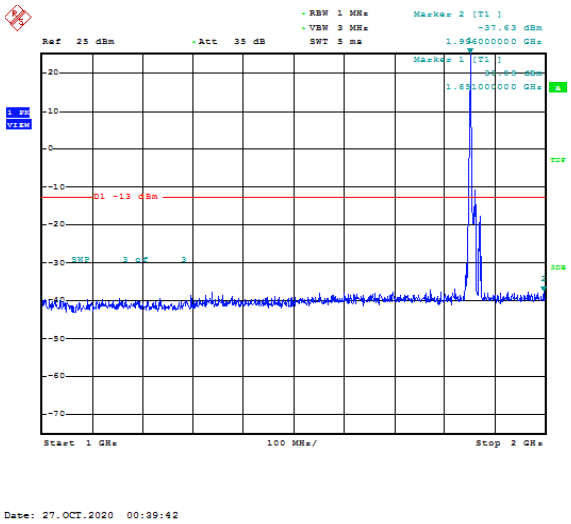
Band2-10MHz-QPSK-19150-1RB#0-Range3:2000~20000MHz



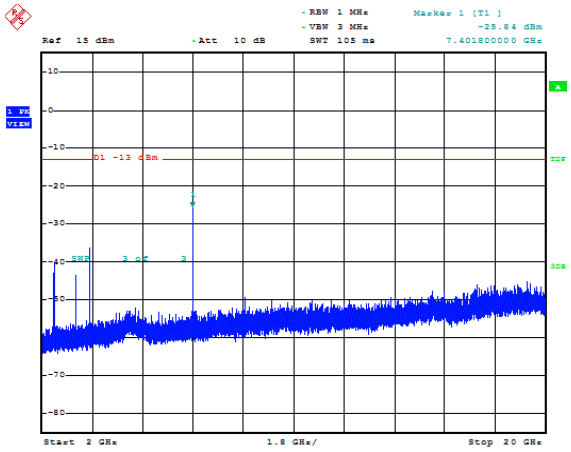
Band2-10MHz-16QAM-18650-1RB#0-Range1:30~1000MHz



Band2-10MHz-16QAM-18650-1RB#0-Range2:1000~2000MHz



Band2-10MHz-16QAM-18650-1RB#0-Range3:2000~20000MHz



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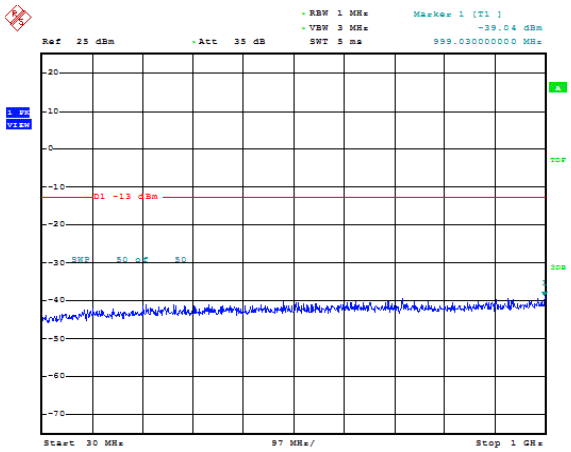
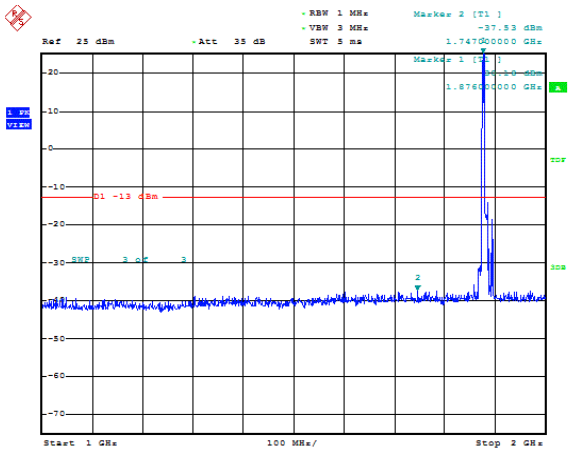
Band2-10MHz-16QAM-18900-1RB#0-Range1:30~1000MHz



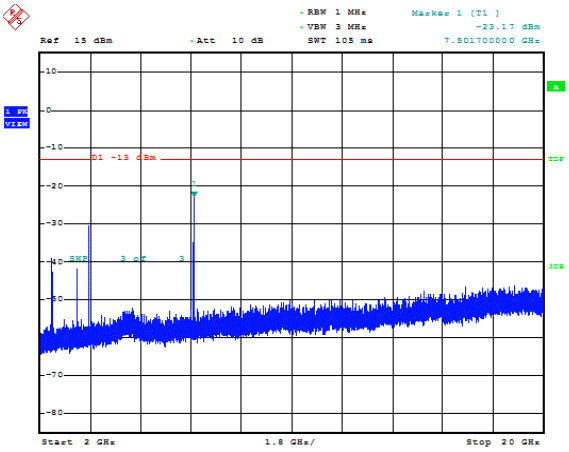
Date: 27.OCT.2020 00:40:27

Band2-10MHz-16QAM-18900-1RB#0-Range2:1000~2000MHz



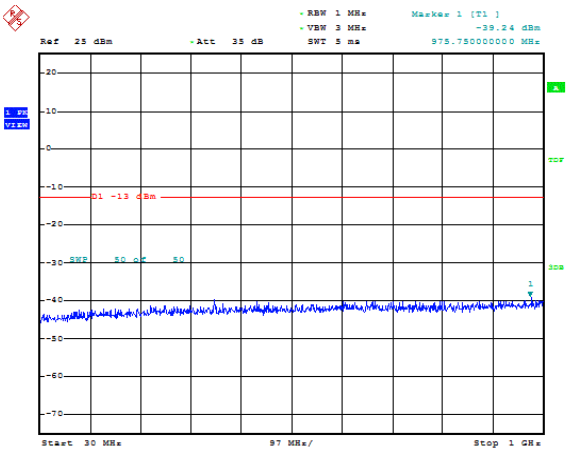
Date: 27.OCT.2020 00:40:35

Band2-10MHz-16QAM-18900-1RB#0-Range3:2000~20000MHz



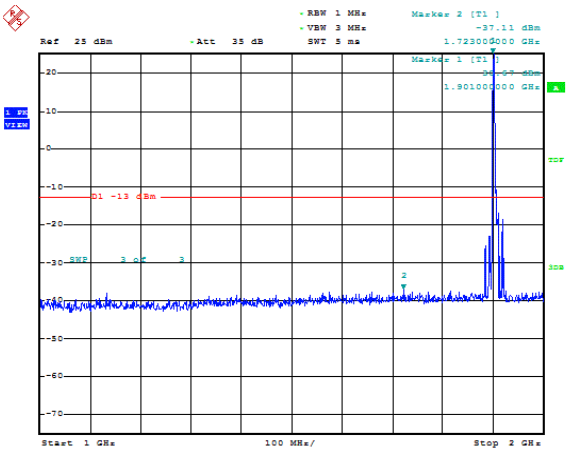
Date: 27.OCT.2020 00:40:43

Band2-10MHz-16QAM-19150-1RB#0-Range1:30~1000MHz



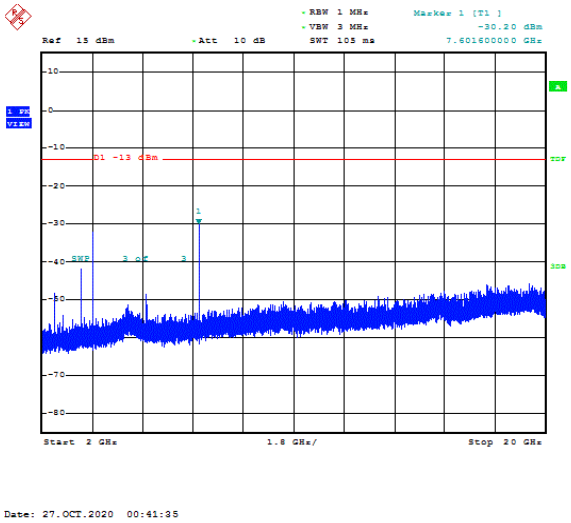
Date: 27.OCT.2020 00:41:19

Band2-10MHz-16QAM-19150-1RB#0-Range2:1000~2000MHz

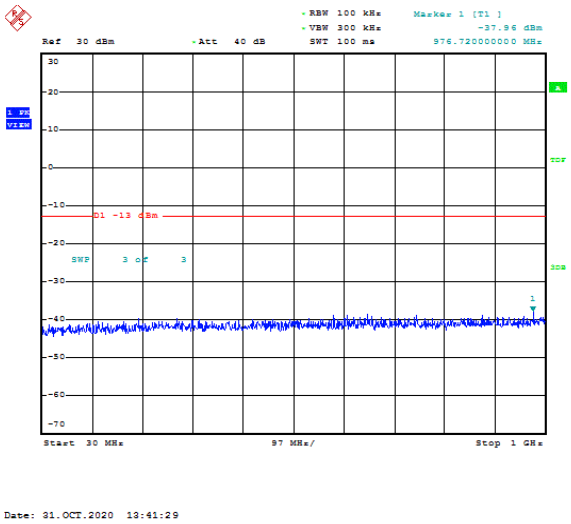


Date: 27.OCT.2020 00:41:27

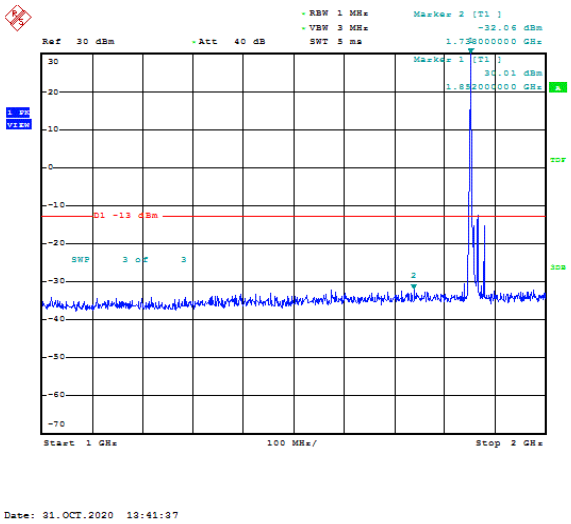
Band2-10MHz-16QAM-19150-1RB#0-Range3:2000~20000MHz



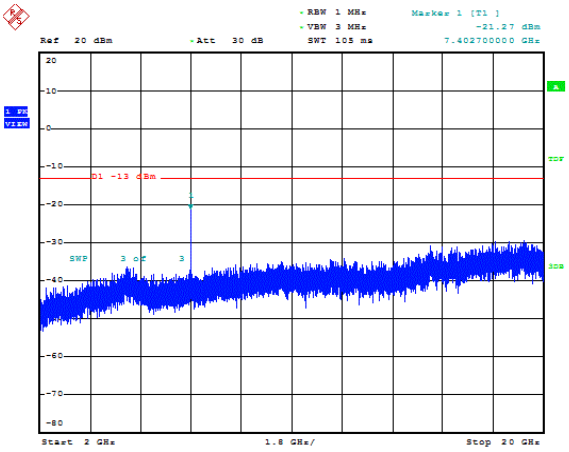
Band2-15MHz-QPSK-18675-1RB#0-Range1:30~1000MHz



Band2-15MHz-QPSK-18675-1RB#0-Range2:1000~2000MHz

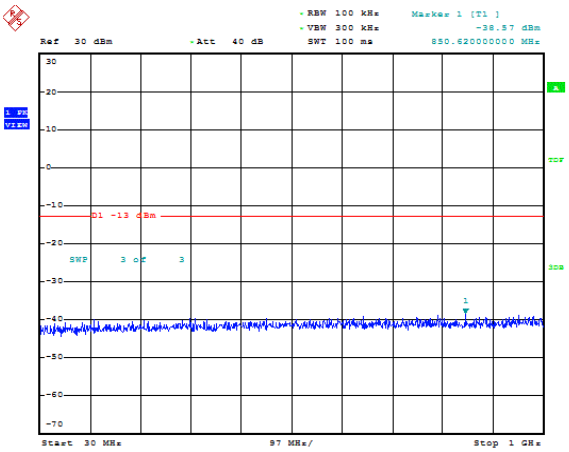


Band2-15MHz-QPSK-18675-1RB#0-Range3:2000~20000MHz



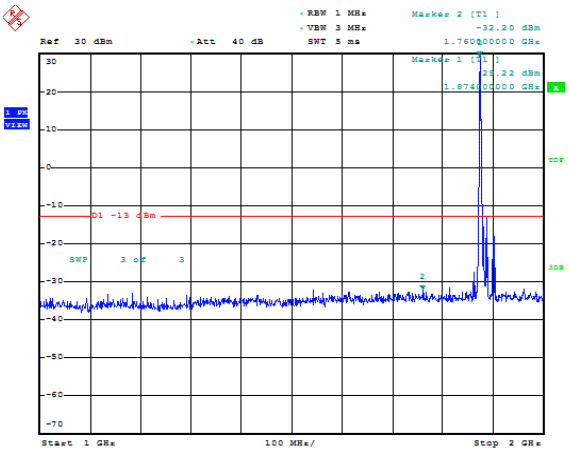
Date: 31.OCT.2020 13:41:45

Band2-15MHz-QPSK-18900-1RB#0-Range1:30~1000MHz



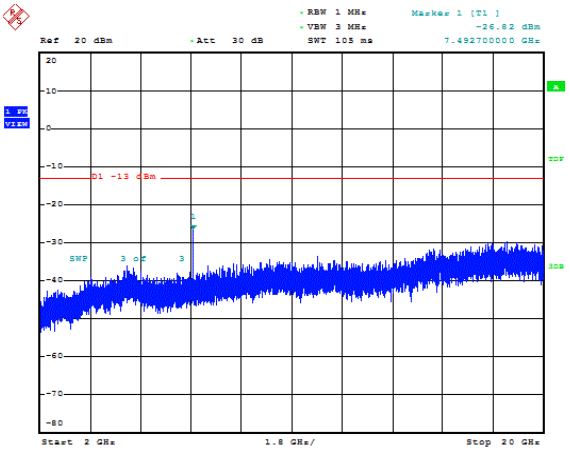
Date: 31.OCT.2020 13:42:22

Band2-15MHz-QPSK-18900-1RB#0-Range2:1000~2000MHz



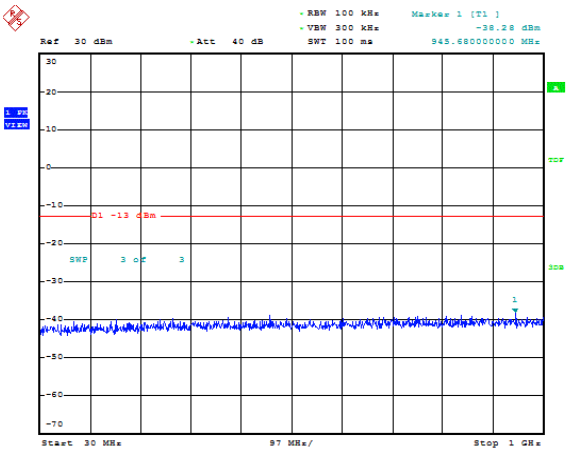
Date: 31.OCT.2020 13:42:30

Band2-15MHz-QPSK-18900-1RB#0-Range3:2000~20000MHz



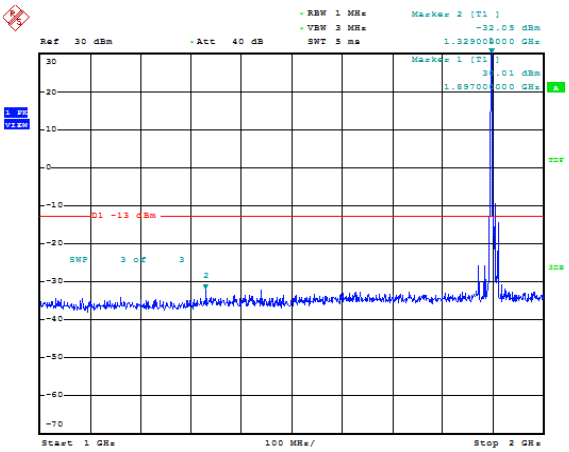
Date: 31.OCT.2020 13:42:38

Band2-15MHz-QPSK-19125-1RB#0-Range1:30~1000MHz



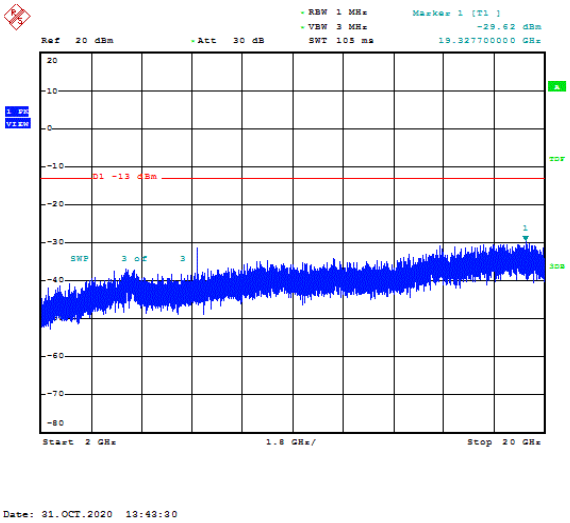
Date: 31.OCT.2020 13:43:14

Band2-15MHz-QPSK-19125-1RB#0-Range2:1000~2000MHz

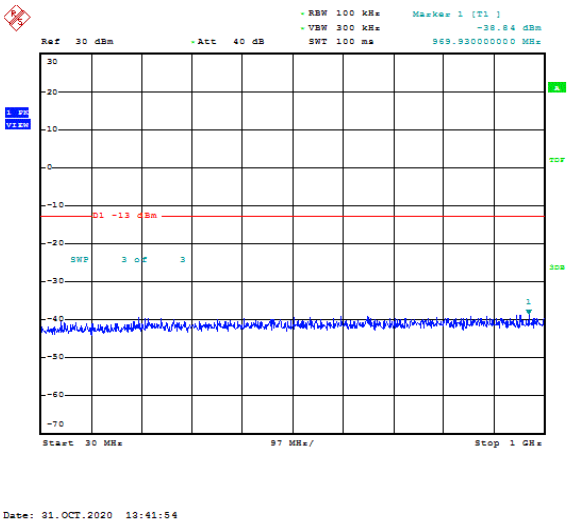


Date: 31.OCT.2020 13:43:22

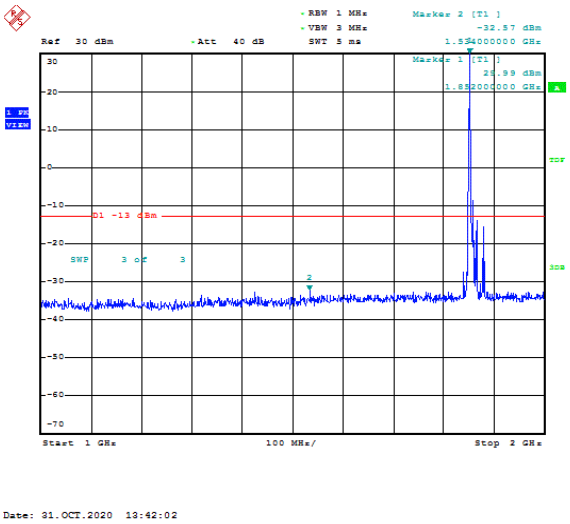
Band2-15MHz-QPSK-19125-1RB#0-Range3:2000~20000MHz



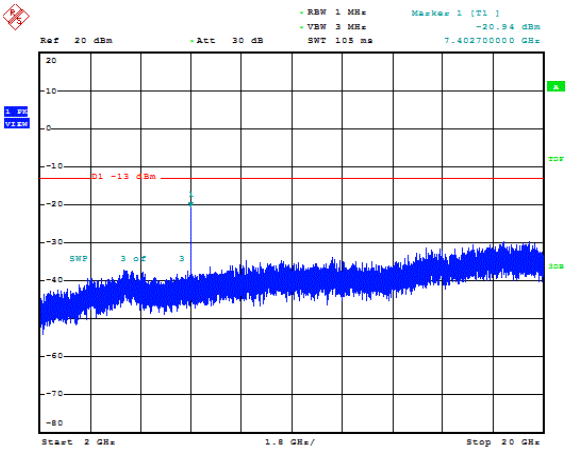
Band2-15MHz-16QAM-18675-1RB#0-Range1:30~1000MHz



Band2-15MHz-16QAM-18675-1RB#0-Range2:1000~2000MHz

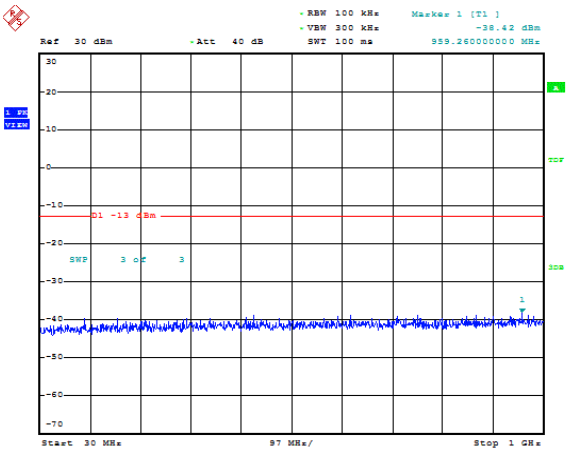


Band2-15MHz-16QAM-18675-1RB#0-Range3:2000~20000MHz



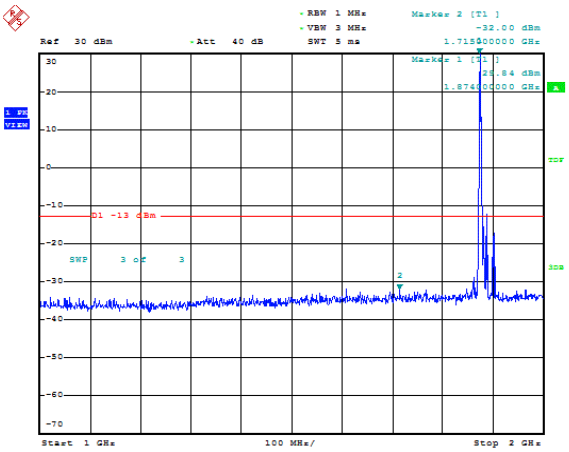
Date: 31.OCT.2020 13:42:10

Band2-15MHz-16QAM-18900-1RB#0-Range1:30~1000MHz



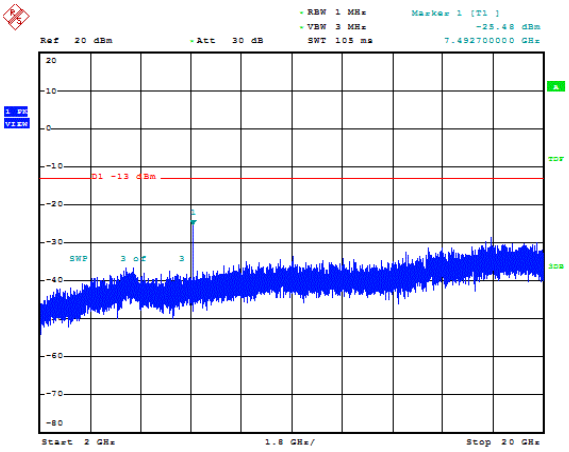
Date: 31.OCT.2020 13:42:47

Band2-15MHz-16QAM-18900-1RB#0-Range2:1000~2000MHz



Date: 31.OCT.2020 13:42:55

Band2-15MHz-16QAM-18900-1RB#0-Range3:2000~20000MHz



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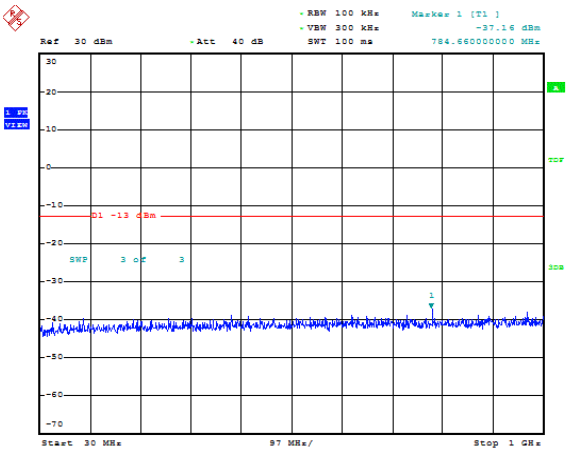
Band2-15MHz-16QAM-19125-1RB#0-Range1:30~1000MHz



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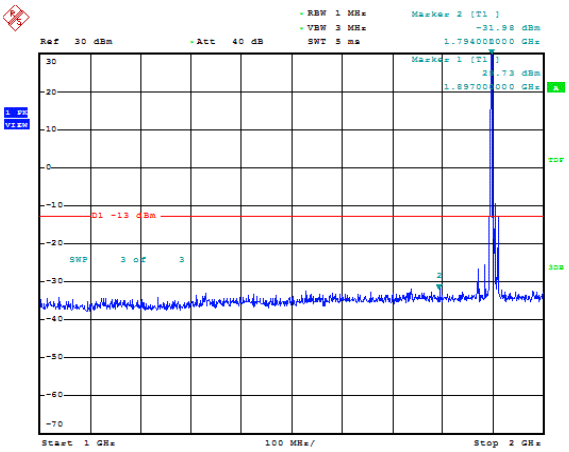
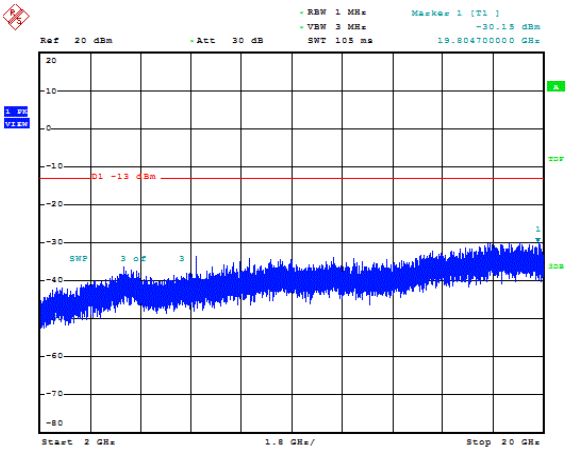
Band2-15MHz-16QAM-19125-1RB#0-Range2:1000~2000MHz



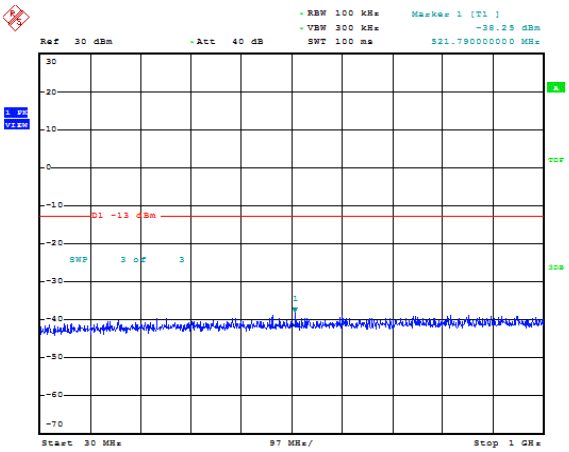
Date: 31.OCT.2020 13:43:47

Band2-15MHz-16QAM-19125-1RB#0-Range3:2000~20000MHz



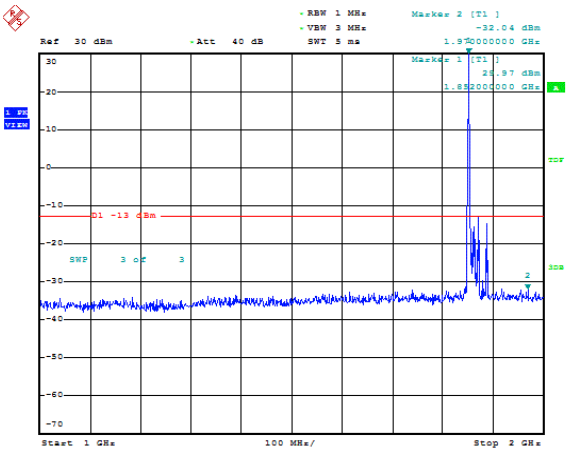
Date: 31.OCT.2020 13:43:55

Band2-20MHz-QPSK-18700-1RB#0-Range1:30~1000MHz



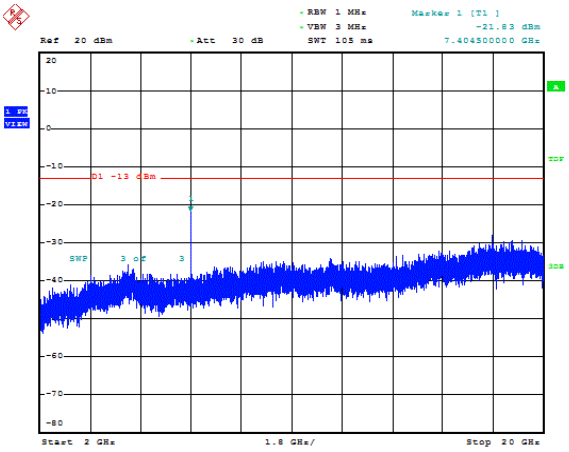
Date: 31.OCT.2020 14:00:08

Band2-20MHz-QPSK-18700-1RB#0-Range2:1000~2000MHz



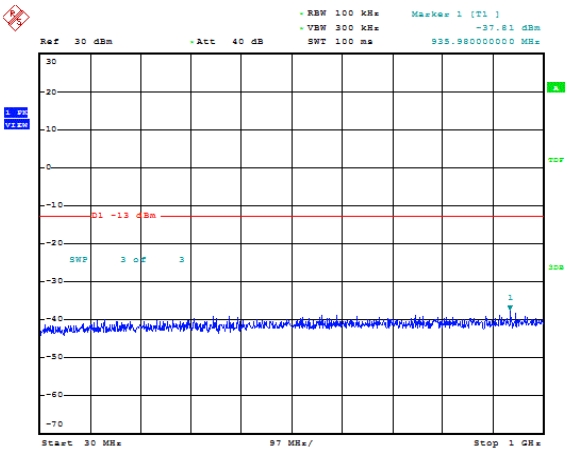
Date: 31.OCT.2020 14:00:16

Band2-20MHz-QPSK-18700-1RB#0-Range3:2000~20000MHz



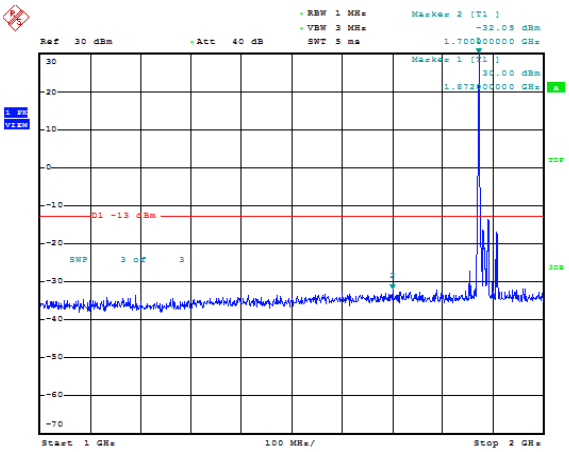
Date: 31.OCT.2020 14:00:24

Band2-20MHz-QPSK-18900-1RB#0-Range1:30~1000MHz



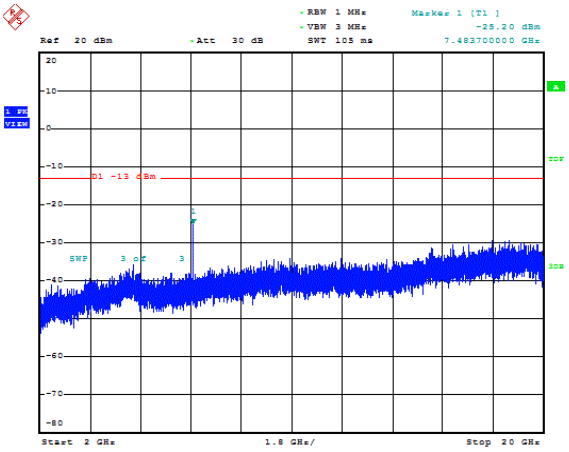
Date: 31.OCT.2020 14:01:01

Band2-20MHz-QPSK-18900-1RB#0-Range2:1000~2000MHz



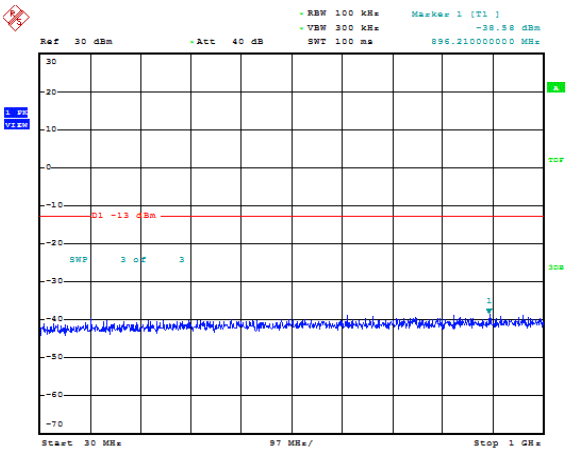
Date: 31.OCT.2020 14:01:09

Band2-20MHz-QPSK-18900-1RB#0-Range3:2000~20000MHz



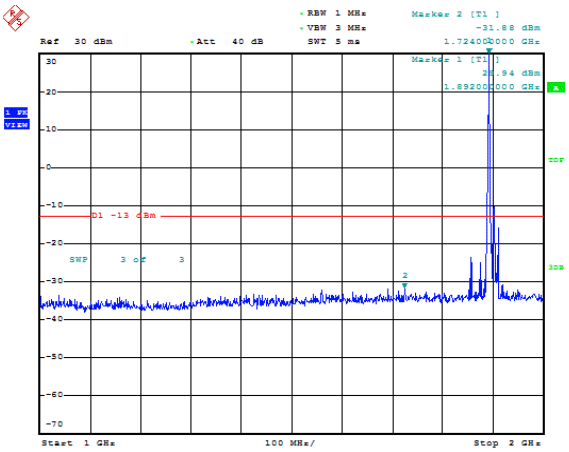
Date: 31.OCT.2020 14:01:17

Band2-20MHz-QPSK-19100-1RB#0-Range1:30~1000MHz



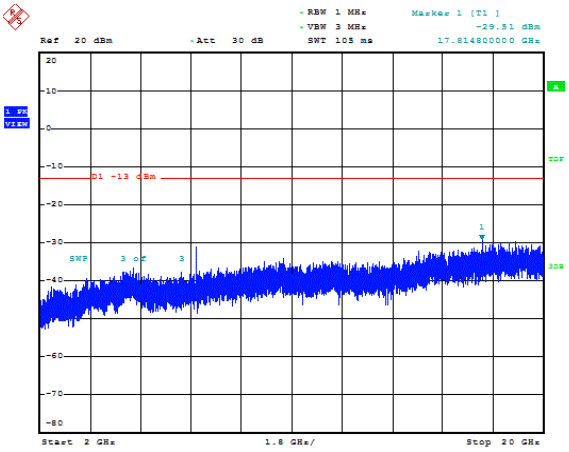
Date: 31.OCT.2020 14:01:53

Band2-20MHz-QPSK-19100-1RB#0-Range2:1000~2000MHz



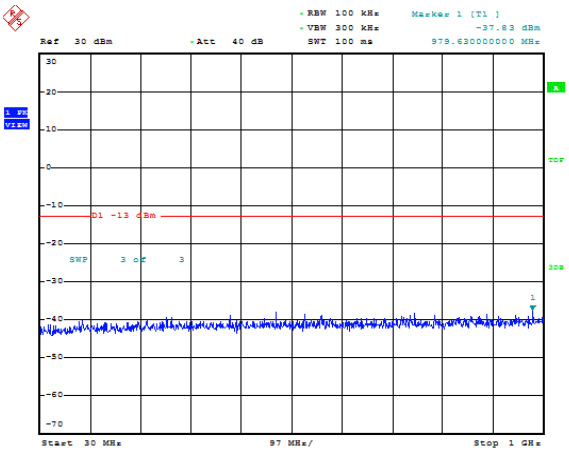
Date: 31.OCT.2020 14:02:01

Band2-20MHz-QPSK-19100-1RB#0-Range3:2000~20000MHz



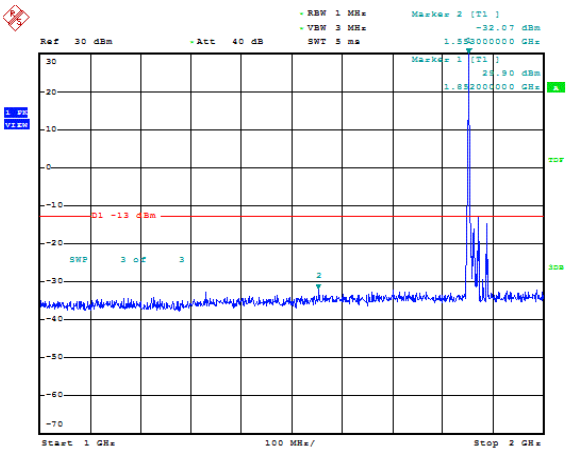
Date: 31.OCT.2020 14:02:09

Band2-20MHz-16QAM-18700-1RB#0-Range1:30~1000MHz



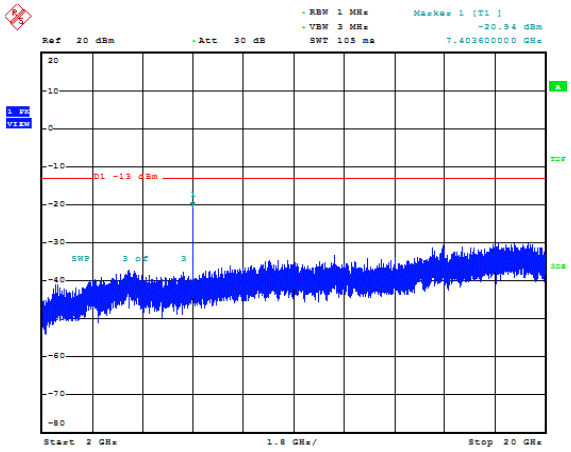
Date: 31.OCT.2020 14:00:33

Band2-20MHz-16QAM-18700-1RB#0-Range2:1000~2000MHz



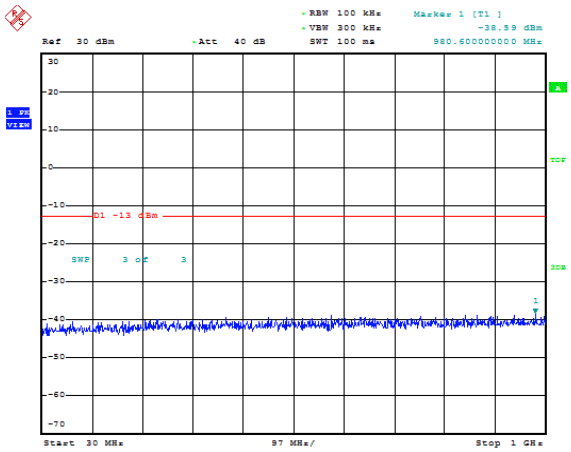
Date: 31.OCT.2020 14:00:41

Band2-20MHz-16QAM-18700-1RB#0-Range3:2000~20000MHz



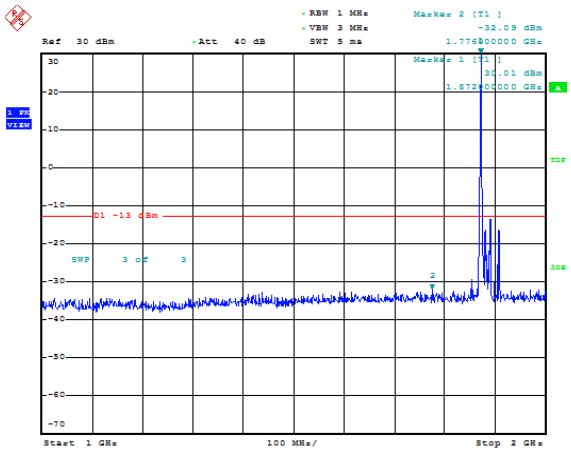
Date: 31.OCT.2020 14:00:49

Band2-20MHz-16QAM-18900-1RB#0-Range1:30~1000MHz



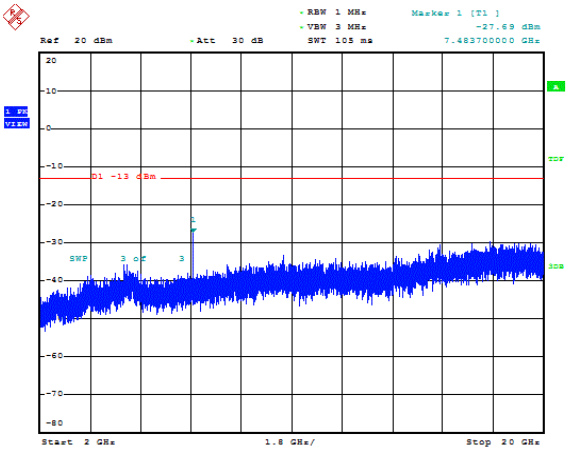
Date: 31.OCT.2020 14:01:26

Band2-20MHz-16QAM-18900-1RB#0-Range2:1000~2000MHz



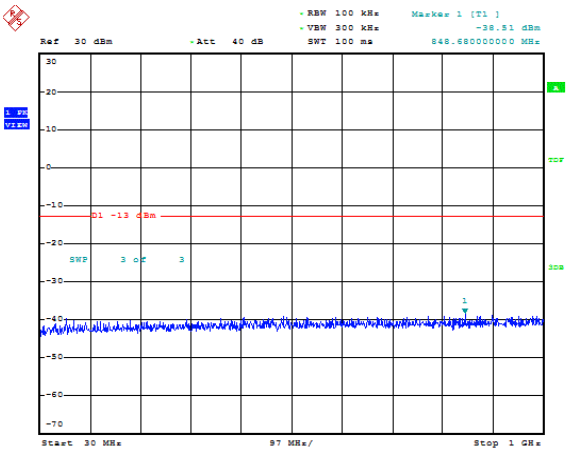
Date: 31.OCT.2020 14:01:34

Band2-20MHz-16QAM-18900-1RB#0-Range3:2000~20000MHz



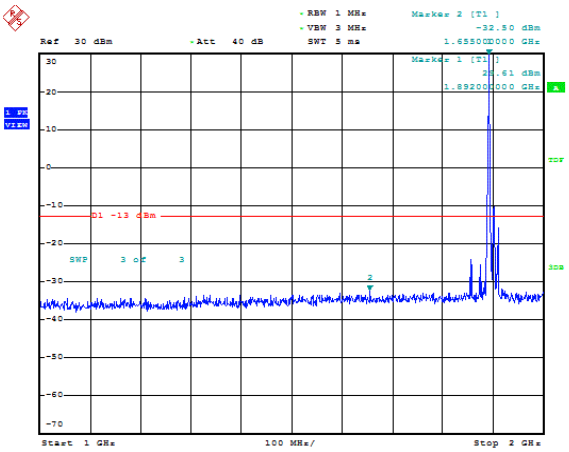
Date: 31.OCT.2020 14:01:42

Band2-20MHz-16QAM-19100-1RB#0-Range1:30~1000MHz



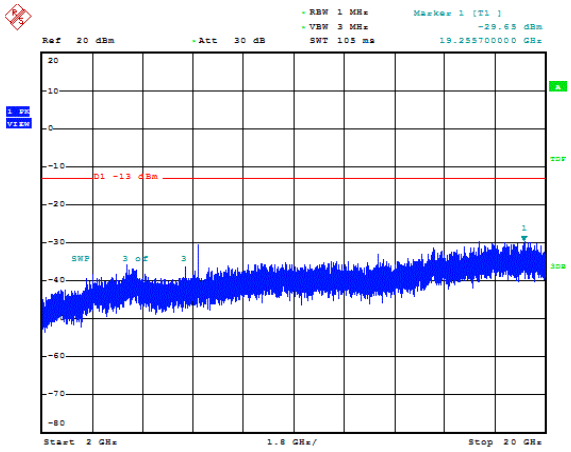
Date: 31.OCT.2020 14:02:18

Band2-20MHz-16QAM-19100-1RB#0-Range2:1000~2000MHz



Date: 31.OCT.2020 14:02:26

Band2-20MHz-16QAM-19100-1RB#0-Range3:2000~20000MHz



Date: 31.OCT.2020 14:02:34

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
Band2	1.4MHz	QPSK	18607	6RB#0	VL	NT	-6.79	-0.003669	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	VN	NT	-7.02	-0.003793	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	VH	NT	-4.03	-0.002178	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VL	NT	-6.79	-0.003612	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VN	NT	-6.32	-0.003362	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VH	NT	-4.38	-0.002330	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	VL	NT	3.50	0.001833	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	VN	NT	-3.30	-0.001728	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	VH	NT	2.52	0.001320	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	VL	NT	-5.19	-0.002804	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	VN	NT	-5.45	-0.002945	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	VH	NT	-4.09	-0.002210	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VL	NT	-7.44	-0.003957	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VN	NT	-6.78	-0.003606	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VH	NT	-4.73	-0.002516	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	VL	NT	-3.88	-0.002032	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	VN	NT	5.69	0.002980	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	VH	NT	3.50	0.001833	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	VL	NT	-3.35	-0.001809	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	VN	NT	-5.06	-0.002733	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	VH	NT	-5.14	-0.002776	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VL	NT	-7.04	-0.003745	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VN	NT	-7.05	-0.003750	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VH	NT	-7.88	-0.004191	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	VL	NT	2.45	0.001284	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	VN	NT	2.69	0.001409	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	VH	NT	1.86	0.000975	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	VL	NT	-3.69	-0.001993	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	VN	NT	-5.98	-0.003230	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	VH	NT	-5.89	-0.003181	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	VL	NT	-4.01	-0.002133	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	VN	NT	-4.68	-0.002489	±2.5	PASS

Band2	3MHz	16QAM	18900	15RB#0	VH	NT	-6.47	-0.003441	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	VL	NT	-3.32	-0.001740	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	VN	NT	2.32	0.001216	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	VH	NT	2.93	0.001535	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	VL	NT	-3.98	-0.002148	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	VN	NT	-4.22	-0.002278	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	VH	NT	-2.96	-0.001598	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VL	NT	-5.08	-0.002702	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VN	NT	-6.15	-0.003271	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VH	NT	-5.32	-0.002830	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	VL	NT	-3.66	-0.001919	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	VN	NT	-3.72	-0.001950	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	VH	NT	-1.79	-0.000938	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	VL	NT	-4.45	-0.002402	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	VN	NT	-4.48	-0.002418	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	VH	NT	-4.13	-0.002229	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VL	NT	-5.06	-0.002691	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VN	NT	-2.15	-0.001144	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VH	NT	-4.31	-0.002293	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	VL	NT	3.00	0.001573	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	VN	NT	-1.80	-0.000944	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	VH	NT	-3.15	-0.001651	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	VL	NT	-5.81	-0.003132	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	VN	NT	-3.81	-0.002054	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	VH	NT	-2.90	-0.001563	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VL	NT	-5.92	-0.003149	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VN	NT	-4.16	-0.002213	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VH	NT	-7.20	-0.003830	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	VL	NT	-2.15	-0.001129	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	VN	NT	3.49	0.001832	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	VH	NT	3.89	0.002042	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	VL	NT	-4.94	-0.002663	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	VN	NT	-3.71	-0.002000	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	VH	NT	-4.32	-0.002329	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	VL	NT	-4.61	-0.002452	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	VN	NT	-5.12	-0.002723	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	VH	NT	-4.98	-0.002649	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	VL	NT	5.28	0.002772	±2.5	PASS

Band2	10MHz	16QAM	19150	50RB#0	VN	NT	3.83	0.002010	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	VH	NT	5.05	0.002651	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	VL	NT	-5.16	-0.002778	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	VN	NT	-3.50	-0.001884	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	VH	NT	-3.08	-0.001658	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	VL	NT	-5.24	-0.002787	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	VN	NT	-5.89	-0.003133	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	VH	NT	-5.84	-0.003106	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	VL	NT	-6.79	-0.003569	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	VN	NT	-8.58	-0.004510	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	VH	NT	-5.28	-0.002775	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	VL	NT	-6.24	-0.003359	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	VN	NT	-5.71	-0.003074	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	VH	NT	-6.19	-0.003332	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	VL	NT	-8.00	-0.004255	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	VN	NT	-4.03	-0.002144	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	VH	NT	-5.92	-0.003149	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	VL	NT	-6.02	-0.003164	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	VN	NT	-6.48	-0.003406	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	VH	NT	-5.78	-0.003038	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VL	NT	4.58	0.002462	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	3.46	0.001860	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	4.43	0.002382	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	-5.62	-0.002989	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	-3.96	-0.002106	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-6.02	-0.003202	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	-7.24	-0.003811	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	-4.08	-0.002147	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	-8.57	-0.004511	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VL	NT	-3.38	-0.001817	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VN	NT	2.66	0.001430	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VH	NT	-3.16	-0.001699	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VL	NT	-5.55	-0.002952	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VN	NT	-3.33	-0.001771	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VH	NT	-8.03	-0.004271	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VL	NT	-6.24	-0.003284	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VN	NT	-6.54	-0.003442	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VH	NT	-6.61	-0.003479	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	NV	-10	-2.60	-0.001405	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	0	-4.38	-0.002367	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	10	-4.71	-0.002545	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	20	-3.53	-0.001907	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	30	-5.06	-0.002734	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	40	-3.79	-0.002048	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	50	-4.12	-0.002226	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	-10	-5.76	-0.003064	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	0	-8.93	-0.004750	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	10	-7.77	-0.004133	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	20	-6.22	-0.003309	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	30	-6.57	-0.003495	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	40	-7.12	-0.003787	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	50	-6.39	-0.003399	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	-10	3.91	0.002048	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	0	-3.92	-0.002053	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	10	3.12	0.001634	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	20	5.24	0.002744	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	30	-2.32	-0.001215	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	40	6.64	0.003478	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	50	-3.08	-0.001613	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	-10	-4.63	-0.002502	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	0	-4.66	-0.002518	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	10	-5.39	-0.002912	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	20	-6.62	-0.003577	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	30	-7.68	-0.004150	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	40	-3.59	-0.001940	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	50	-5.59	-0.003020	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	-10	-5.72	-0.003043	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	0	-7.42	-0.003947	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	10	-7.42	-0.003947	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	20	-6.28	-0.003340	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	30	-6.49	-0.003452	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	40	-5.42	-0.002883	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	50	-6.74	-0.003585	±2.5	PASS

Band2	1.4MHz	16QAM	19193	6RB#0	NV	-10	2.82	0.001477	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	0	-4.91	-0.002572	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	10	4.08	0.002137	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	20	-2.86	-0.001498	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	30	4.61	0.002414	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	40	-5.35	-0.002802	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	50	-6.49	-0.003399	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	-10	-2.43	-0.001312	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	0	-3.20	-0.001728	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	10	-7.01	-0.003786	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	20	-3.33	-0.001799	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	30	-5.25	-0.002836	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	40	-5.21	-0.002814	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	50	-3.81	-0.002058	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	-10	-7.07	-0.003761	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	0	-5.79	-0.003080	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	10	-5.51	-0.002931	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	20	-5.76	-0.003064	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	30	-5.48	-0.002915	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	40	-6.22	-0.003309	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	50	-5.15	-0.002739	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	-10	1.54	0.000807	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	0	2.88	0.001509	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	10	2.17	0.001137	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	20	3.33	0.001745	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	30	3.68	0.001928	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	40	-1.99	-0.001043	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	50	3.89	0.002038	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	-10	-2.59	-0.001399	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	0	-4.11	-0.002220	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	10	-5.36	-0.002895	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	20	-6.05	-0.003268	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	30	-6.11	-0.003300	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	40	-5.35	-0.002890	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	50	-4.36	-0.002355	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	-10	-6.98	-0.003713	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	0	-4.55	-0.002420	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	10	-5.97	-0.003176	±2.5	PASS

Band2	3MHz	16QAM	18900	15RB#0	NV	20	-4.89	-0.002601	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	30	-4.49	-0.002388	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	40	-5.79	-0.003080	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	50	-6.78	-0.003606	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	-10	-3.78	-0.001981	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	0	2.55	0.001336	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	10	1.60	0.000838	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	20	2.68	0.001404	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	30	2.56	0.001341	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	40	-4.52	-0.002368	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	50	-2.80	-0.001467	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	-10	-4.18	-0.002256	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	0	-4.39	-0.002370	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	10	-2.49	-0.001344	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	20	-3.92	-0.002116	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	30	-4.86	-0.002623	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	40	-2.36	-0.001274	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	50	-2.70	-0.001457	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	-10	-6.65	-0.003537	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	0	-3.96	-0.002106	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	10	-5.18	-0.002755	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	20	-5.82	-0.003096	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	30	-4.86	-0.002585	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	40	-6.68	-0.003553	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	50	-6.98	-0.003713	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	-10	-2.19	-0.001148	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	0	2.85	0.001494	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	10	3.75	0.001966	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	20	-2.55	-0.001337	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	30	2.98	0.001562	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	40	2.96	0.001552	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	50	2.49	0.001305	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	-10	-3.95	-0.002132	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	0	-3.46	-0.001868	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	10	-3.81	-0.002057	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	20	-3.10	-0.001673	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	30	-4.56	-0.002462	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	40	-3.96	-0.002138	±2.5	PASS

Band2	5MHz	16QAM	18625	25RB#0	NV	50	-4.09	-0.002208	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	-10	-4.63	-0.002463	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	0	-6.58	-0.003500	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	10	-4.22	-0.002245	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	20	-4.58	-0.002436	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	30	-4.45	-0.002367	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	40	-4.53	-0.002410	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	50	-6.65	-0.003537	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	-10	4.12	0.002160	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	0	3.38	0.001772	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	10	4.51	0.002364	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	20	3.10	0.001625	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	30	4.49	0.002354	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	40	2.82	0.001478	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	50	4.26	0.002233	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	-10	-4.68	-0.002523	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	0	-2.68	-0.001445	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	10	-5.82	-0.003137	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	20	-3.91	-0.002108	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	30	-4.78	-0.002577	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	40	-4.89	-0.002636	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	50	-4.59	-0.002474	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	-10	-6.28	-0.003340	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	0	-6.95	-0.003697	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	10	-4.49	-0.002388	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	20	-5.66	-0.003011	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	30	-6.90	-0.003670	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	40	-6.24	-0.003319	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	50	-4.45	-0.002367	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	-10	0.62	0.000325	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	0	-2.73	-0.001433	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	10	3.23	0.001696	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	20	3.66	0.001921	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	30	-3.79	-0.001990	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	40	3.29	0.001727	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	50	2.85	0.001496	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	-10	-5.44	-0.002933	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	0	-5.19	-0.002798	±2.5	PASS

Band2	10MHz	16QAM	18650	50RB#0	NV	10	-4.58	-0.002469	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	20	-7.40	-0.003989	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	30	-3.62	-0.001951	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	40	-5.84	-0.003148	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	50	-7.65	-0.004124	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	-10	-6.54	-0.003479	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	0	-6.02	-0.003202	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	10	-5.69	-0.003027	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	20	-3.89	-0.002069	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	30	-3.53	-0.001878	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	40	-4.08	-0.002170	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	50	-4.55	-0.002420	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	-10	2.50	0.001312	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	0	5.39	0.002829	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	10	-2.53	-0.001328	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	20	-2.69	-0.001412	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	30	2.49	0.001307	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	40	1.63	0.000856	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	50	3.50	0.001837	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	-10	-5.64	-0.003036	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	0	-6.51	-0.003505	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	10	-7.21	-0.003882	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	20	-5.16	-0.002778	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	30	-4.48	-0.002412	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	40	-6.41	-0.003451	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	50	-6.14	-0.003306	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	-10	-6.59	-0.003505	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	0	-6.04	-0.003213	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	10	-7.93	-0.004218	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	20	-7.27	-0.003867	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	30	-5.02	-0.002670	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	40	-5.31	-0.002824	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	50	-5.35	-0.002846	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	-10	-5.52	-0.002901	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	0	-6.25	-0.003285	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	10	-5.76	-0.003028	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	20	-6.19	-0.003254	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	30	-6.44	-0.003385	±2.5	PASS

Band2	15MHz	QPSK	19125	75RB#0	NV	40	-5.64	-0.002965	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	50	-7.35	-0.003863	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	-10	-4.94	-0.002659	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	0	-5.68	-0.003058	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	10	-3.58	-0.001927	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	20	-4.95	-0.002665	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	30	-3.92	-0.002110	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	40	-6.90	-0.003715	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	50	-7.54	-0.004059	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	-10	-6.39	-0.003399	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	0	-5.61	-0.002984	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	10	-4.73	-0.002516	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	20	-6.28	-0.003340	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	30	-6.11	-0.003250	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	40	-9.08	-0.004830	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	50	-7.14	-0.003798	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	-10	-4.79	-0.002518	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	0	-5.68	-0.002986	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	10	-5.41	-0.002844	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	20	-8.55	-0.004494	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	30	-8.60	-0.004520	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	40	-4.33	-0.002276	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	50	-7.24	-0.003806	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-10	2.57	0.001382	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	-3.28	-0.001763	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	2.93	0.001575	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	-1.32	-0.000710	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	30	-2.40	-0.001290	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	40	-2.39	-0.001285	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	50	3.03	0.001629	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	-7.64	-0.004064	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-7.95	-0.004229	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-6.91	-0.003676	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-5.97	-0.003176	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	-4.52	-0.002404	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	-4.51	-0.002399	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	-6.45	-0.003431	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-10	-8.28	-0.004358	±2.5	PASS

Band2	20MHz	QPSK	19100	100RB#0	NV	0	-7.54	-0.003968	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	-6.39	-0.003363	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	-7.90	-0.004158	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	30	-7.98	-0.004200	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	40	-7.84	-0.004126	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	50	-5.65	-0.002974	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-10	3.30	0.001774	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	0	1.95	0.001048	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	10	2.46	0.001323	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	20	4.28	0.002301	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	30	-2.45	-0.001317	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	40	-3.62	-0.001946	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	50	-4.41	-0.002371	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-10	-7.01	-0.003729	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	-5.69	-0.003027	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	-5.34	-0.002840	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	-5.04	-0.002681	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	30	-4.56	-0.002426	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	40	-4.98	-0.002649	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	50	-6.55	-0.003484	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-10	-4.02	-0.002116	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	0	-3.65	-0.001921	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	10	-3.78	-0.001989	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	20	-4.55	-0.002395	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	30	-4.73	-0.002489	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	40	-4.12	-0.002168	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	50	-6.82	-0.003589	±2.5	PASS

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