

1. Effective (Isotropic) Radiated Power Output Data

LTE Band 12				Conducted Power(dBm)			ERP (dBm)			Limit	Verdict
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Channel 23017	Channel 23095	Channel 23173		
1.4MHz	QPSK	1	0	22.11	23.02	21.86	21.26	22.17	21.01	34.77	Pass
		1	2	22.01	23.04	21.88	21.16	22.19	21.03	34.77	Pass
		1	5	22.01	23.02	21.91	21.16	22.17	21.06	34.77	Pass
		3	0	22.04	23.03	21.89	21.19	22.18	21.04	34.77	Pass
		3	2	22.08	22.98	21.98	21.23	22.13	21.13	34.77	Pass
		3	3	22.11	22.98	21.92	21.26	22.13	21.07	34.77	Pass
		6	0	21.11	22.01	20.9	20.26	21.16	20.05	34.77	Pass
	16QAM	1	0	21.33	21.68	21.14	20.48	20.83	20.29	34.77	Pass
		1	2	21.29	21.51	21.13	20.44	20.66	20.28	34.77	Pass
		1	5	21.26	21.61	21.07	20.41	20.76	20.22	34.77	Pass
		3	0	21.27	22.03	20.78	20.42	21.18	19.93	34.77	Pass
		3	2	21.32	22.03	20.83	20.47	21.18	19.98	34.77	Pass
		3	3	21.3	21.98	20.78	20.45	21.13	19.93	34.77	Pass
		6	0	20.06	21.05	19.89	19.21	20.2	19.04	34.77	Pass
Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Channel 23025	Channel 23095	Channel 23165	Limit	Verdict
3MHz	QPSK	1	0	22.11	23.06	21.91	21.26	22.21	21.06	34.77	Pass
		1	2	21.97	23.07	21.93	21.12	22.22	21.08	34.77	Pass
		1	5	22.1	23	21.86	21.25	22.15	21.01	34.77	Pass
		3	0	22.09	23	21.9	21.24	22.15	21.05	34.77	Pass
		3	2	22.12	22.96	21.96	21.27	22.11	21.11	34.77	Pass
		3	3	22.09	23.06	21.93	21.24	22.21	21.08	34.77	Pass
		6	0	21.06	22.02	20.81	20.21	21.17	19.96	34.77	Pass
	16QAM	1	0	21.3	21.63	21.05	20.45	20.78	20.2	34.77	Pass
		1	2	21.27	21.5	21.14	20.42	20.65	20.29	34.77	Pass
		1	5	21.2	21.58	21.06	20.35	20.73	20.21	34.77	Pass
		3	0	21.28	22.05	20.74	20.43	21.2	19.89	34.77	Pass
		3	2	21.35	22.02	20.78	20.5	21.17	19.93	34.77	Pass
		3	3	21.28	22.01	20.76	20.43	21.16	19.91	34.77	Pass
		6	0	20.09	21.04	19.9	19.24	20.19	19.05	34.77	Pass
Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Channel 23035	Channel 23095	Channel 23035	Limit	Verdict
5MHz	QPSK	1	0	22.03	23.03	21.86	21.18	22.18	21.01	34.77	Pass
		1	2	21.98	23.06	21.94	21.13	22.21	21.09	34.77	Pass
		1	5	22.05	23.01	21.87	21.2	22.16	21.02	34.77	Pass
		3	0	22.03	23.03	21.87	21.18	22.18	21.02	34.77	Pass

		3	2	22.13	23.04	21.93	21.28	22.19	21.08	34.77	Pass
		3	3	22.09	22.96	21.96	21.24	22.11	21.11	34.77	Pass
		6	0	21.14	22.01	20.89	20.29	21.16	20.04	34.77	Pass
	16QAM	1	0	21.34	21.6	21.14	20.49	20.75	20.29	34.77	Pass
		1	2	21.21	21.55	21.06	20.36	20.7	20.21	34.77	Pass
		1	5	21.22	21.63	21.04	20.37	20.78	20.19	34.77	Pass
		3	0	21.33	22.09	20.73	20.48	21.24	19.88	34.77	Pass
		3	2	21.29	22.01	20.79	20.44	21.16	19.94	34.77	Pass
		3	3	21.28	22.03	20.74	20.43	21.18	19.89	34.77	Pass
		6	0	20.03	21	19.95	19.18	20.15	19.1	34.77	Pass
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Limit	Verdict
				23060	23095	23130	23060	23095	23130		
10MHz	QPSK	1	0	23	23.02	23.09	22.14	22.16	22.23	34.77	Pass
		1	2	22.98	23.05	21.87	22.12	22.19	21.01	34.77	Pass
		1	5	22.03	23.08	21.9	21.17	22.22	21.04	34.77	Pass
		3	0	22.09	23.02	21.88	21.23	22.16	21.02	34.77	Pass
		3	2	22.09	23	21.94	21.23	22.14	21.08	34.77	Pass
		3	3	22.1	22.98	21.96	21.24	22.12	21.1	34.77	Pass
		6	0	21.08	22.02	20.83	20.22	21.16	19.97	34.77	Pass
	16QAM	1	0	21.3	21.6	21.06	20.44	20.74	20.2	34.77	Pass
		1	2	21.29	21.56	21.07	20.43	20.7	20.21	34.77	Pass
		1	5	21.2	21.61	21.04	20.34	20.75	20.18	34.77	Pass
		3	0	21.36	22.09	20.81	20.5	21.23	19.95	34.77	Pass
		3	2	21.3	22.02	20.77	20.44	21.16	19.91	34.77	Pass
		3	3	21.25	22.03	20.75	20.39	21.17	19.89	34.77	Pass
		6	0	20.03	21.07	19.87	19.17	20.21	19.01	34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15 Antenna Gain: 1.3dBi											

2. Peak-Average Ratio& Bandwidth& Band Edge Compliance& Band Edge Compliance

2.1 99% & 26dB Bandwidth

Test Band: 12_1.4MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.0853	1.0855	1.0865	N/A	PASS
16QAM	6	0	0.91375	0.91279	1.0857	N/A	PASS

Test Band: 12_1.4MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.286	1.269	1.291	N/A	PASS
16QAM	6	0	1.160	1.131	1.296	N/A	PASS

Test Band: 12_3MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.0858	1.0864	1.0867	N/A	PASS
16QAM	6	0	0.91359	0.91332	1.0866	N/A	PASS

Test Band: 12_3MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.286	1.284	1.274	N/A	PASS
16QAM	6	0	1.159	1.131	1.281	N/A	PASS

Test Band: 12_5MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.0859	1.0866	1.0908	N/A	PASS
16QAM	6	0	0.91727	0.91557	1.0904	N/A	PASS

Test Band: 12_5MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.303	1.324	1.351	N/A	PASS
16QAM	6	0	1.250	1.213	1.353	N/A	PASS

Test Band: 12_10MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.0887	1.0866	1.0897	N/A	PASS
16QAM	6	0	0.92238	0.91661	1.0896	N/A	PASS

Test Band: 12 10MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.334	1.315	1.306	N/A	PASS
16QAM	6	0	1.501	1.441	1.309	N/A	PASS

2.2. Peak-Average Ratio

Test Band: 12 1.4MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	9.24	9.18	9.25	13	PASS
16QAM	6	0	9.87	9.58	9.05	13	PASS

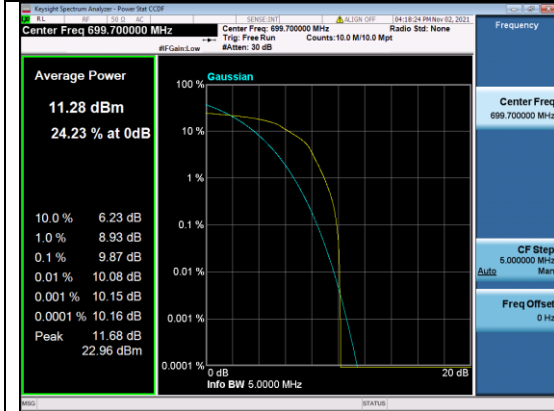
Test Band: 12 3MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	9.48	9.40	9.48	13	PASS
16QAM	6	0	9.95	9.63	9.36	13	PASS

Test Band: 12 5MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	9.02	8.96	8.93	13	PASS
16QAM	6	0	9.14	9.15	8.94	13	PASS

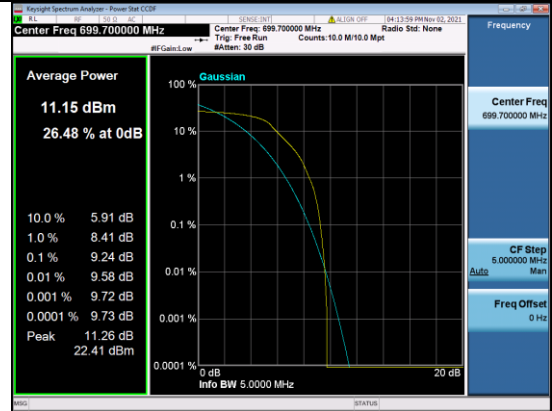
Test Band: 12 10MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	9.05	8.71	9.06	13	PASS
16QAM	6	0	8.72	8.48	8.92	13	PASS

1.4M

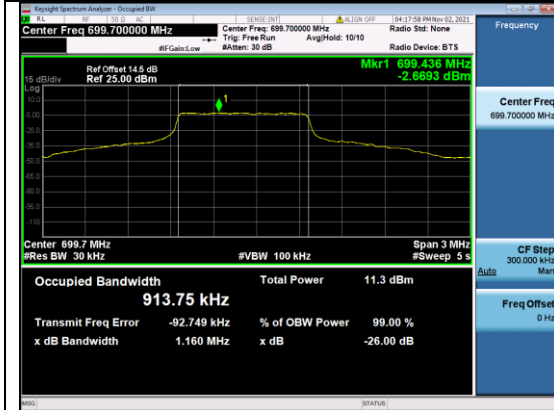
B12-1.4M-Low CH-PAPR-Q16



B12-1.4M-Low CH-PAPR-QPSK



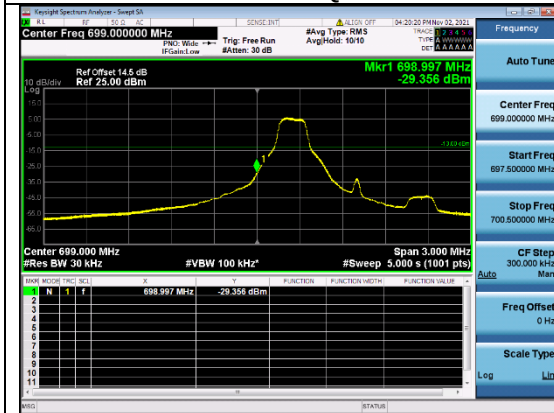
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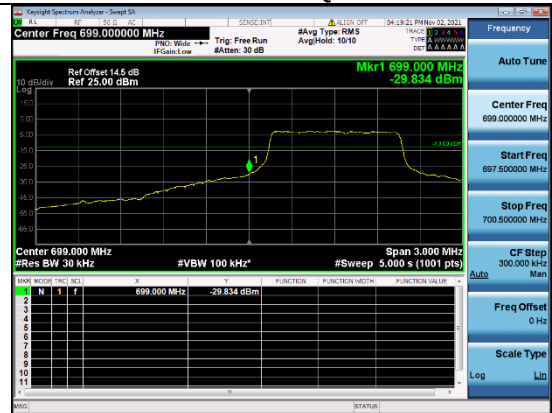
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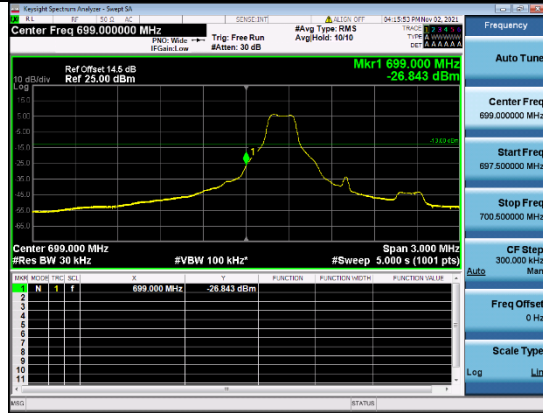
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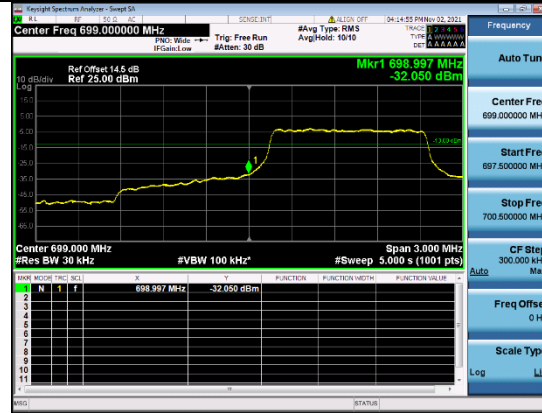
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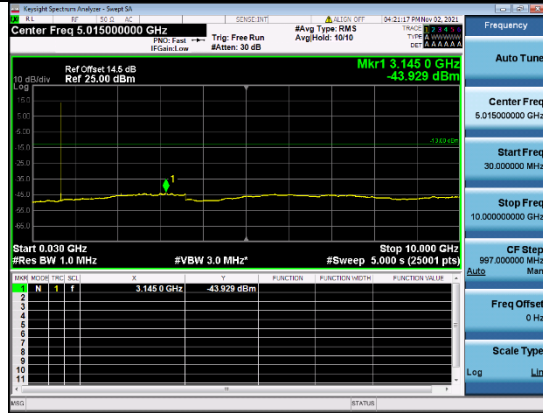
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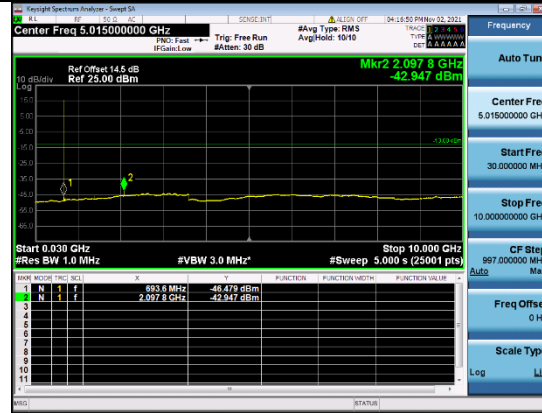
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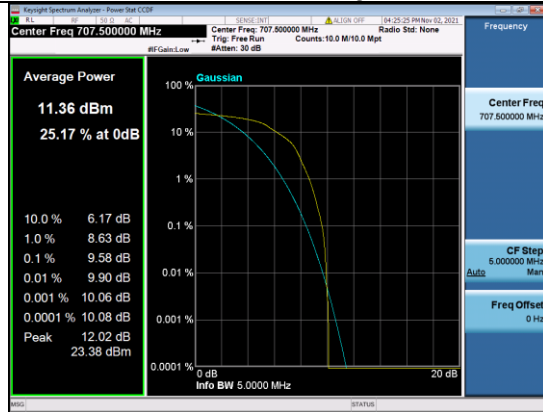
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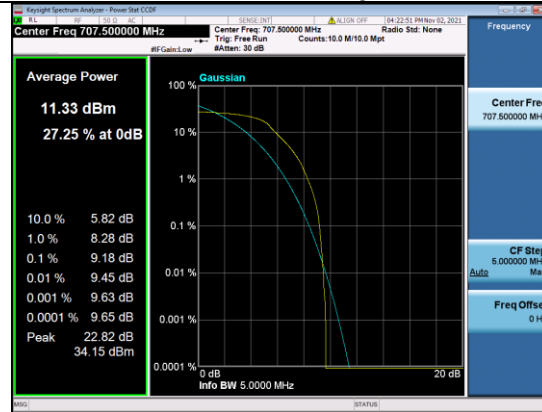
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B12-1.4M-Mid CH-PAPR-Q16



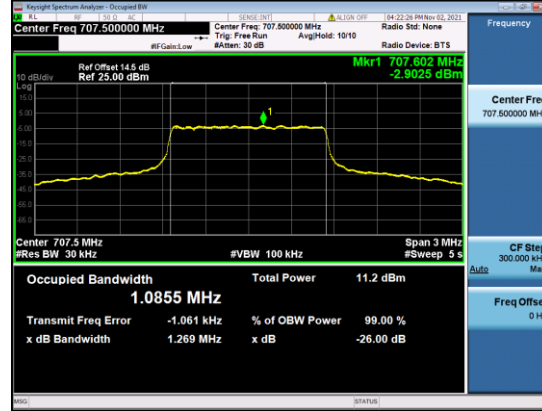
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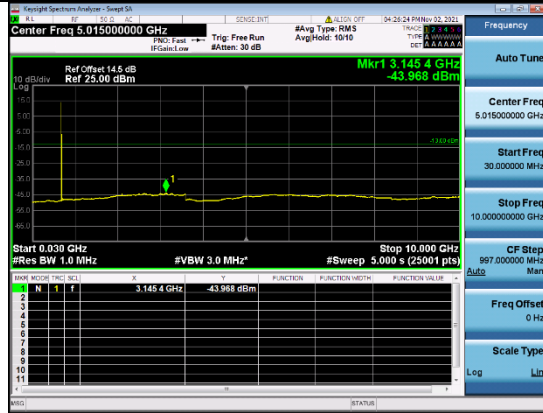
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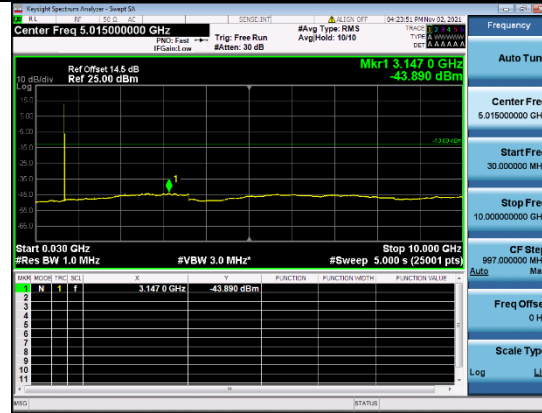
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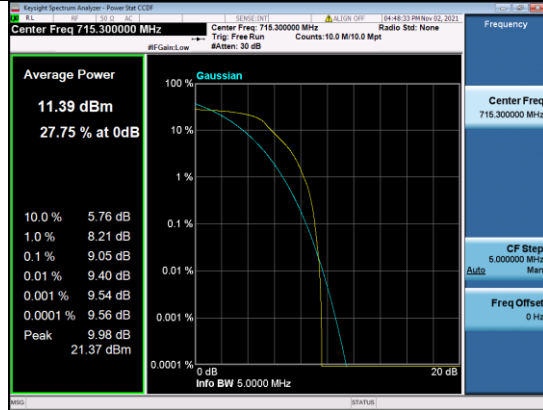
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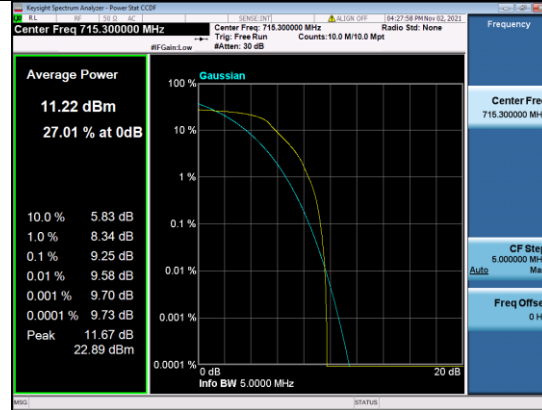
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B12-1.4M-High CH-PAPR-Q16



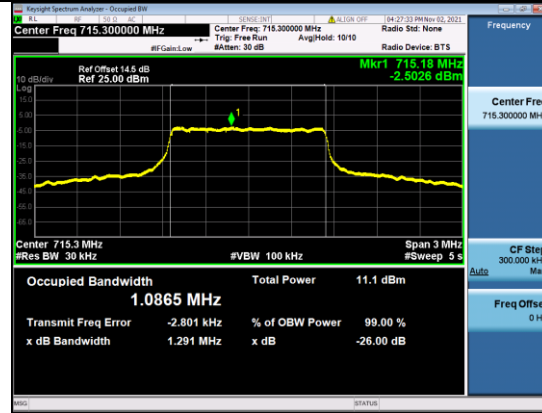
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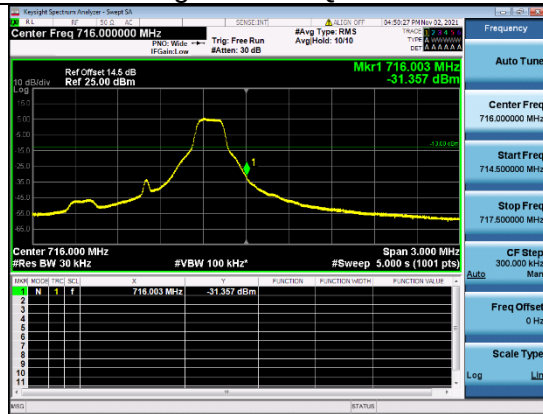
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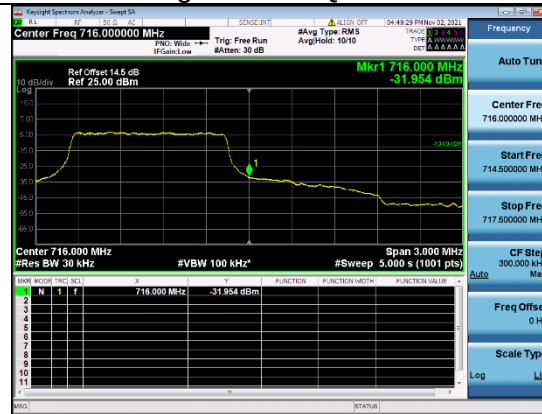
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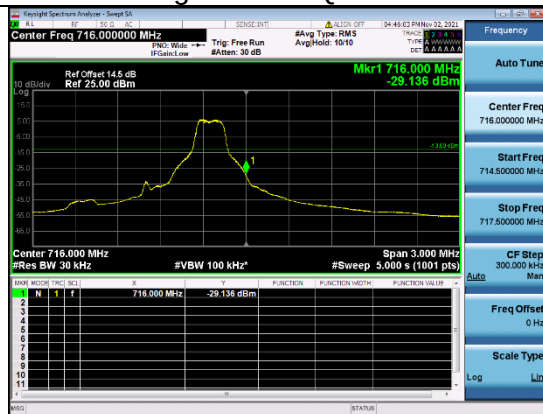
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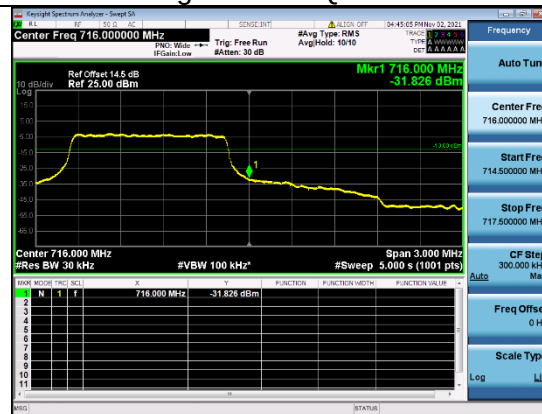
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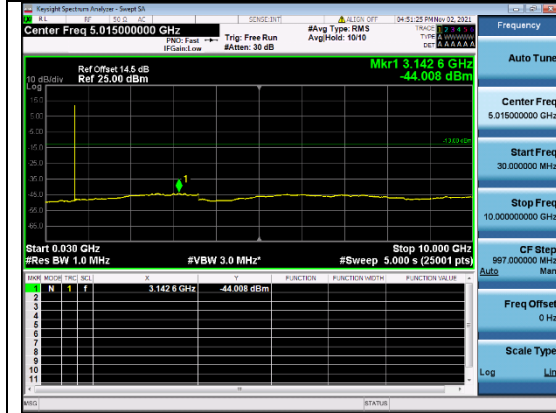
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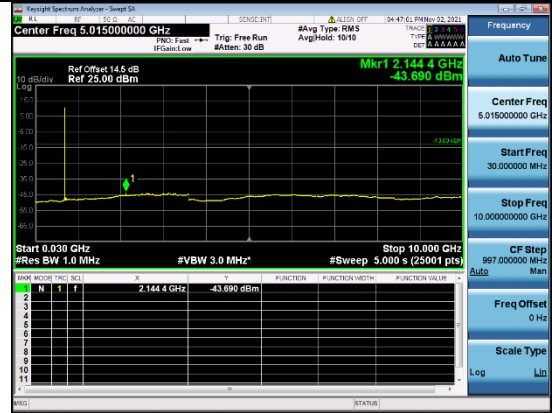
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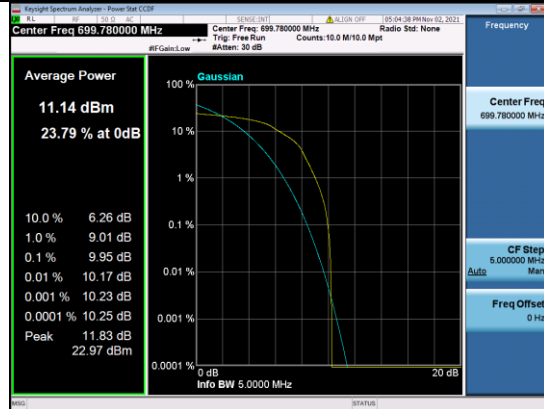
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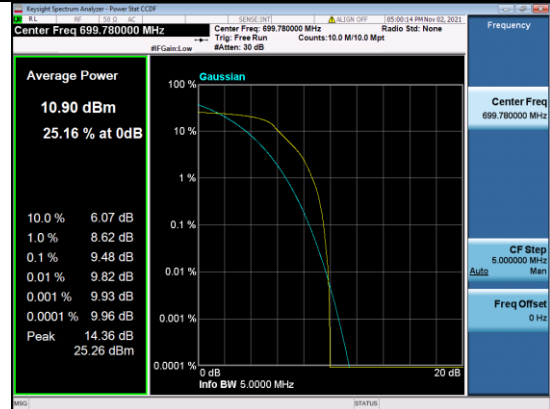
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B12-3M-Low CH-PAPR-Q16



B12-3M-Low CH-PAPR-QPSK



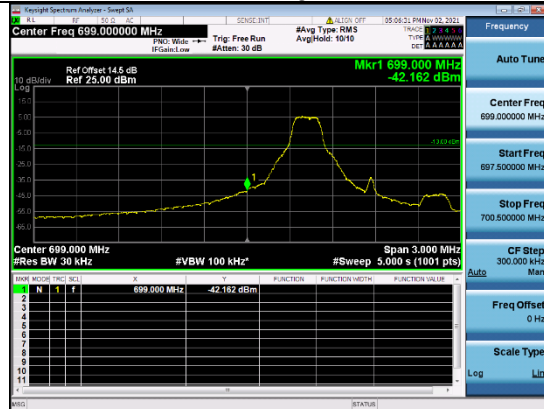
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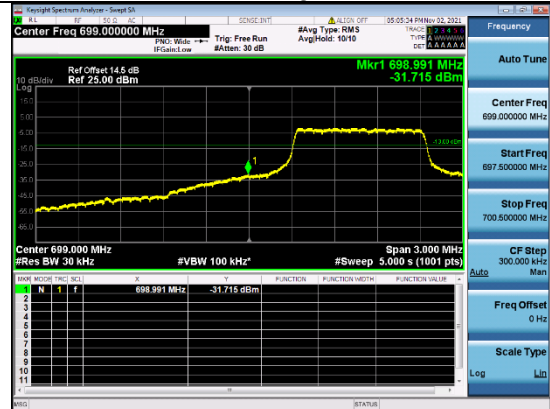
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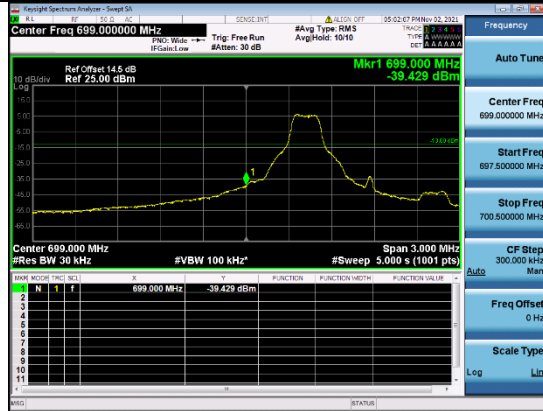
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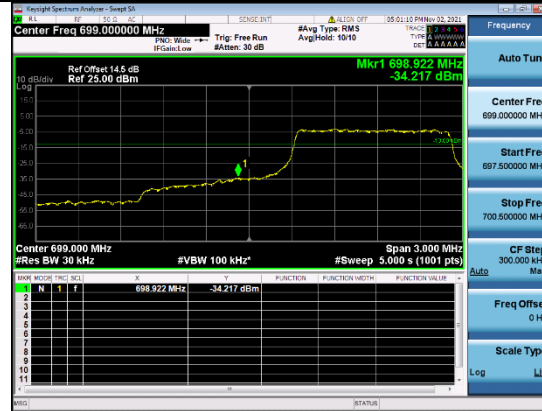
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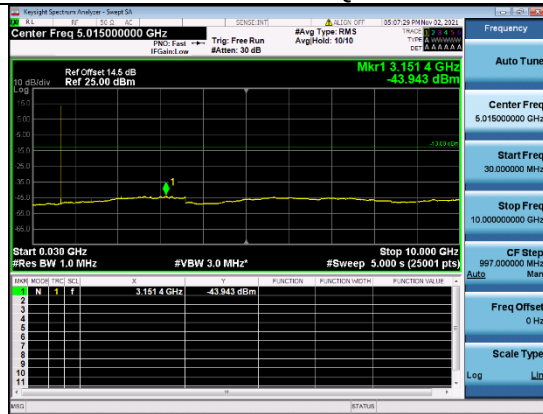
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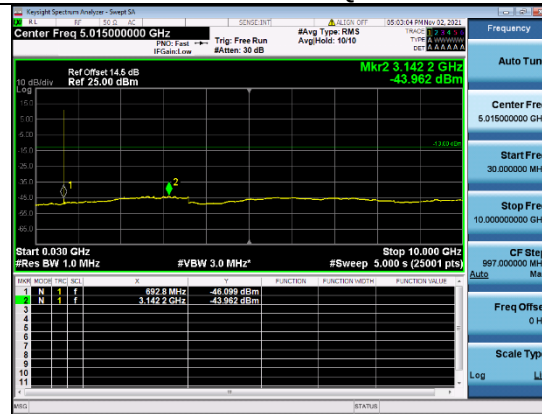
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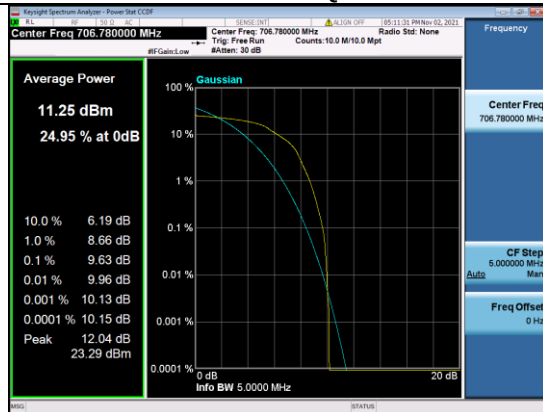
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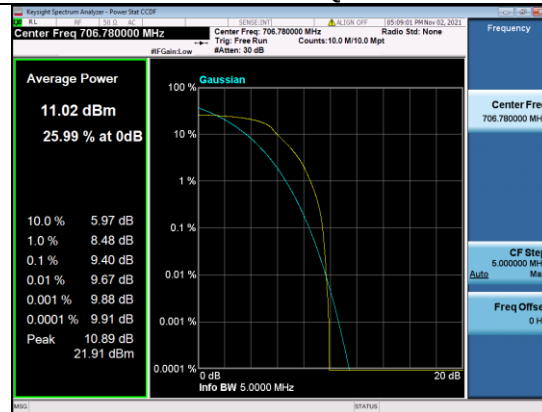
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B12-3M-Mid CH-PAPR-Q16



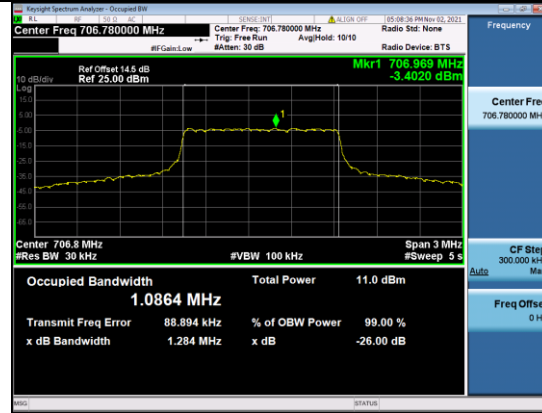
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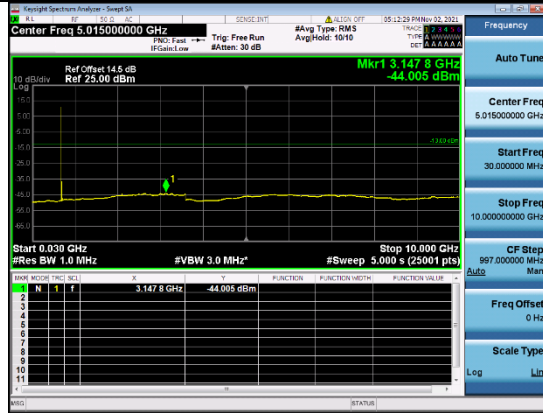
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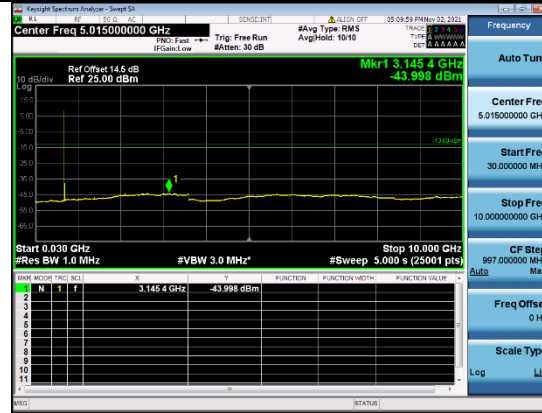
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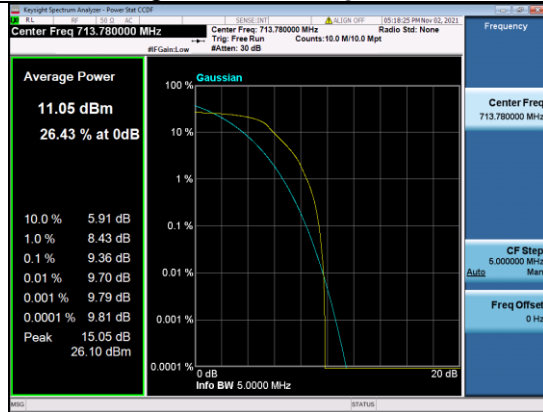
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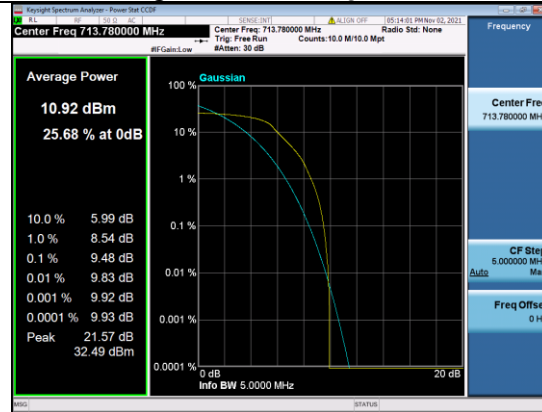
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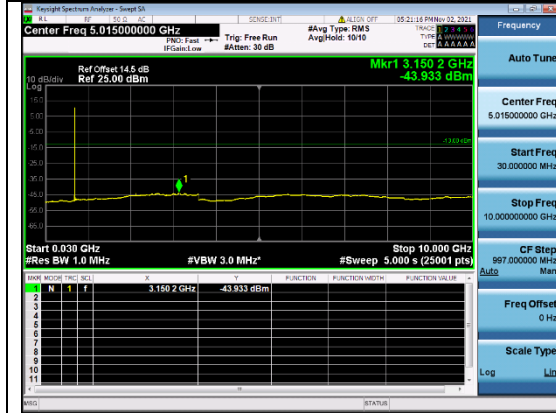
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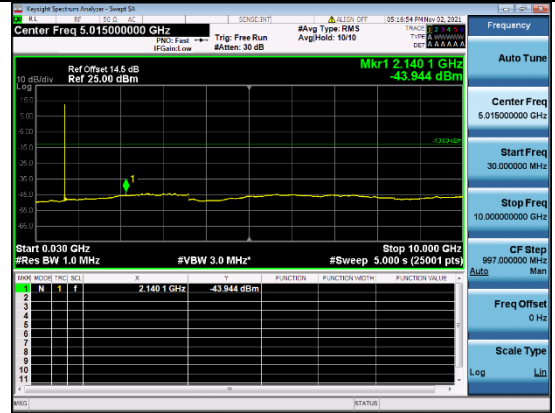
B12-3M-High CH-PAPR-QPSK



B12-3M-High CH-CSE-1-Q16-1 RB 0

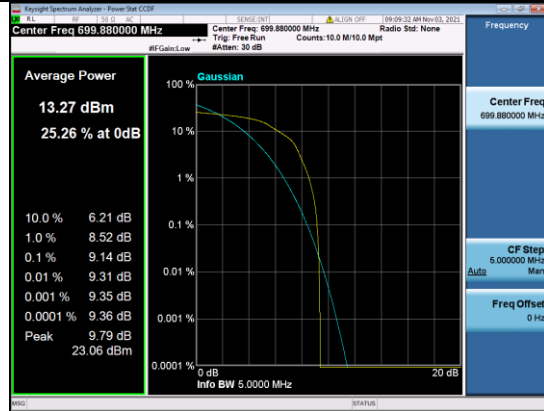


B12-3M-High CH-CSE-1-QPSK-1 RB 0

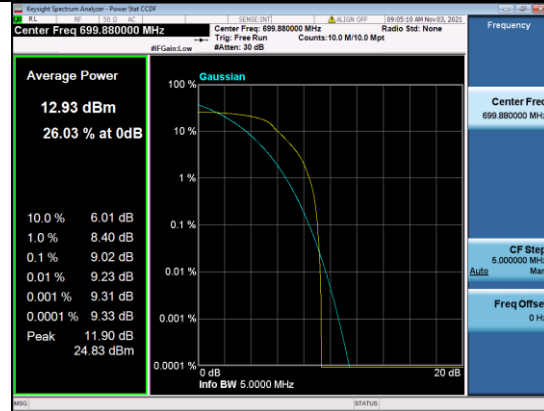


5M

B12-5M-Low CH-PAPR-Q16



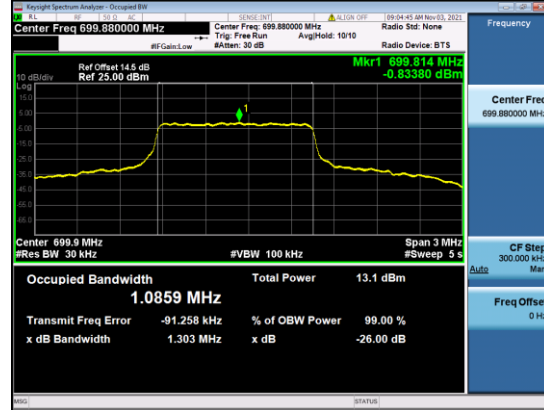
B12-5M-Low CH-PAPR-QPSK



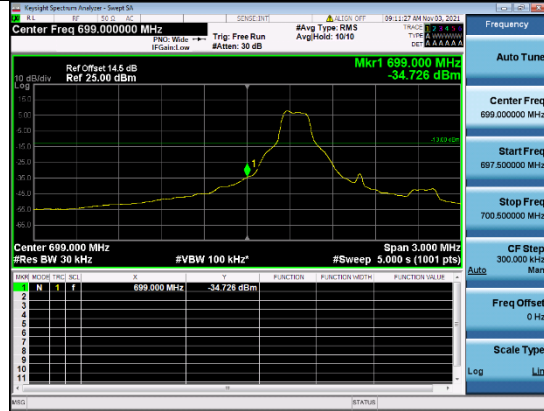
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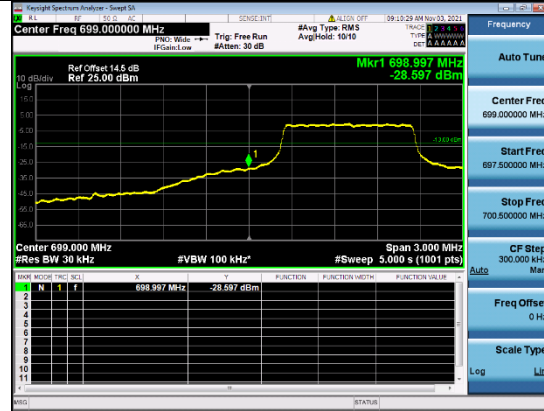
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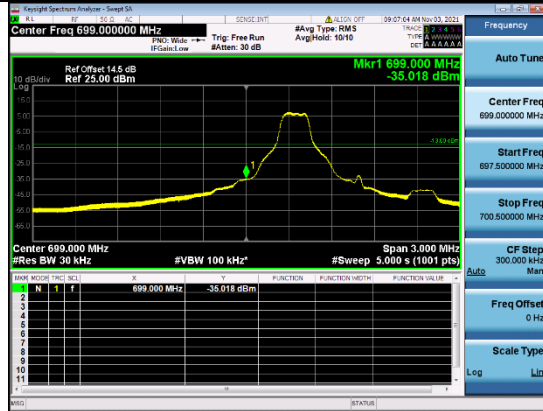
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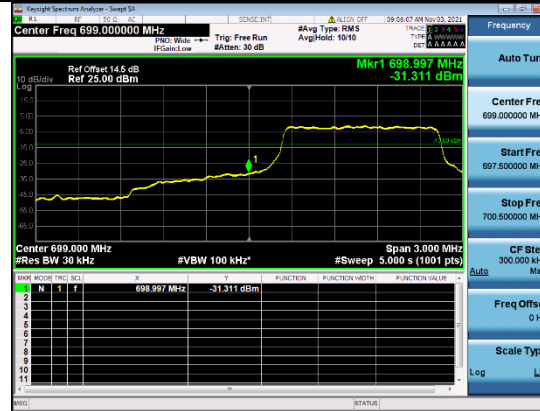
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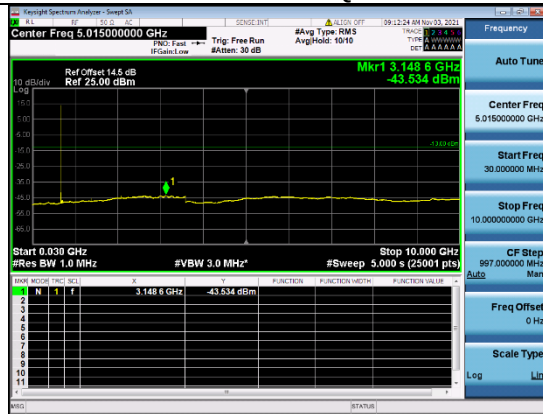
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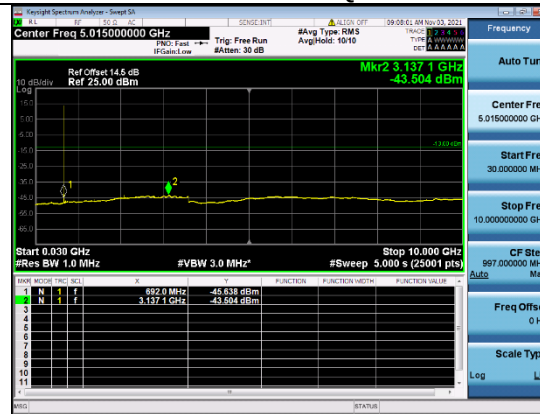
B12-5M-Low CH-BE-QPSK-Full RB 0



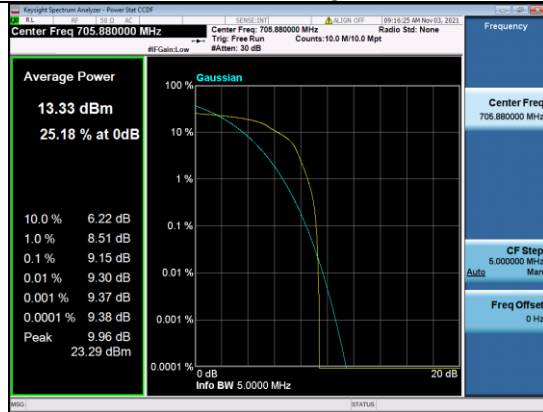
B12-5M-Low CH-CSE-1-Q16-1 RB 0



B12-5M-Low CH-CSE-1-QPSK-1 RB 0



B12-5M-Mid CH-PAPR-Q16



B12-5M-Mid CH-PAPR-QPSK

