

Appendix M: Test Data for E-UTRA Band 66

Product Name: MOBILE PHONE

Trade Mark: CELLUTION

Test Model: PADUA

Environmental Conditions

Temperature:	23.1° C
Relative Humidity:	54.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Diamond Lu
Supervised by:	LI HUAN

M.1 Conducted Output Power

Conducted Output Power Test Result (Channel Bandwidth: 1.4 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	23.35	22.61	PASS
		1	3	23.41	22.30	PASS
		1	5	23.75	22.55	PASS
		3	0	23.38	22.19	PASS
		3	2	23.86	22.45	PASS
		3	3	24.00	22.40	PASS
		6	0	23.13	23.00	PASS
	MCH	1	0	23.24	22.73	PASS
		1	3	23.35	22.59	PASS
		1	5	23.14	22.35	PASS
		3	0	23.68	22.37	PASS
		3	2	23.89	22.35	PASS
		3	3	23.03	22.90	PASS
		6	0	23.43	22.50	PASS
	HCH	1	0	23.44	22.38	PASS
		1	3	23.57	22.27	PASS
		1	5	23.95	22.46	PASS
		3	0	23.68	22.14	PASS
		3	2	23.02	22.82	PASS
		3	3	23.09	22.79	PASS
		6	0	23.57	22.40	PASS

Conducted Output Power Test Result (Channel Bandwidth: 3 MHz)

Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	23.34	22.99	PASS
		1	7	23.57	22.61	PASS
		1	14	23.96	22.91	PASS
		8	0	23.10	22.60	PASS
		8	4	23.23	22.91	PASS
		8	7	23.61	22.45	PASS
		15	0	23.95	22.42	PASS
	MCH	1	0	23.82	22.93	PASS
		1	7	23.64	22.75	PASS
		1	14	23.78	22.04	PASS
		8	0	23.44	22.06	PASS
		8	4	23.94	22.86	PASS
		8	7	23.08	22.92	PASS
		15	0	23.35	22.96	PASS
	HCH	1	0	23.16	22.66	PASS
		1	7	23.46	22.86	PASS
		1	14	23.90	22.19	PASS
		8	0	23.60	22.83	PASS
		8	4	23.24	22.28	PASS
		8	7	23.62	22.41	PASS
		15	0	23.79	22.76	PASS

Conducted Output Power Test Result (Channel Bandwidth: 5 MHz)

Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	23.48	22.09	PASS
		1	12	23.42	22.82	PASS
		1	24	23.65	22.81	PASS
		12	0	23.02	22.48	PASS
		12	6	23.21	22.21	PASS
		12	13	23.65	22.32	PASS
		25	0	23.38	22.21	PASS
	MCH	1	0	23.45	22.45	PASS
		1	12	23.22	22.62	PASS
		1	24	23.86	22.77	PASS
		12	0	23.71	22.18	PASS
		12	6	23.47	22.39	PASS
		12	13	23.03	22.71	PASS
		25	0	23.18	22.29	PASS
	HCH	1	0	23.10	22.91	PASS
		1	12	23.30	22.74	PASS
		1	24	23.69	22.08	PASS
		12	0	23.01	22.51	PASS
		12	6	23.57	22.78	PASS
		12	13	23.86	22.69	PASS
		25	0	23.25	22.93	PASS

Conducted Output Power Test Result (Channel Bandwidth: 10 MHz)

Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	23.67	22.42	PASS
		1	24	23.69	22.70	PASS
		1	49	23.95	22.90	PASS
		25	0	23.59	22.03	PASS
		25	12	23.82	22.40	PASS
		25	25	23.05	22.82	PASS
		50	0	23.90	22.61	PASS
	MCH	1	0	23.38	22.37	PASS
		1	24	23.28	22.04	PASS
		1	49	23.85	22.60	PASS
		25	0	23.89	22.10	PASS
		25	12	23.68	22.01	PASS
		25	25	23.75	22.94	PASS
		50	0	23.61	22.62	PASS
	HCH	1	0	23.41	22.11	PASS
		1	24	23.56	22.36	PASS
		1	49	23.04	22.42	PASS
		25	0	23.65	22.25	PASS
		25	12	23.04	22.21	PASS
		25	25	23.76	22.87	PASS
		50	0	23.81	22.38	PASS

Conducted Output Power Test Result (Channel Bandwidth: 15 MHz)

Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK / 16QAM	LCH	1	0	23.48	22.61	PASS
		1	37	23.41	22.43	PASS
		1	74	23.08	22.20	PASS
		37	0	23.45	22.85	PASS
		37	18	23.23	22.38	PASS
		37	38	23.36	22.11	PASS
		75	0	23.57	22.84	PASS
	MCH	1	0	23.39	22.09	PASS
		1	37	23.91	22.80	PASS
		1	74	23.67	22.66	PASS
		37	0	23.08	22.87	PASS
		37	18	23.98	22.59	PASS
		37	38	23.65	22.06	PASS
		75	0	23.88	22.65	PASS
	HCH	1	0	23.85	22.91	PASS
		1	37	23.94	22.42	PASS
		1	74	23.29	22.99	PASS
		37	0	23.08	22.34	PASS
		37	18	23.28	22.23	PASS
		37	38	23.67	22.58	PASS
		75	0	23.81	22.13	PASS

Conducted Output Power Test Result (Channel Bandwidth: 20 MHz)

Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK / 16QAM	LCH	1	0	23.16	22.64	PASS
		1	49	23.87	22.37	PASS
		1	99	23.87	22.05	PASS
		50	0	23.57	22.36	PASS
		50	25	23.33	22.88	PASS
		50	50	23.67	22.59	PASS
		100	0	23.47	22.59	PASS
	MCH	1	0	23.97	22.32	PASS
		1	49	23.89	22.63	PASS
		1	99	23.71	22.19	PASS
		50	0	23.06	22.97	PASS
		50	25	23.79	22.89	PASS
		50	50	23.65	22.92	PASS
		100	0	23.27	22.40	PASS
	HCH	1	0	23.37	22.05	PASS
		1	49	23.39	22.08	PASS
		1	99	23.34	22.66	PASS
		50	0	23.92	22.76	PASS
		50	25	23.30	22.20	PASS
		50	50	23.14	22.38	PASS
		100	0	23.35	22.02	PASS

M.2 Peak-to-Average Ratio**Peak-to Average Ratio Test Result (Channel Bandwidth: 1.4 MHz)**

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	3.16	<13	PASS
	MCH	5.00	<13	PASS
	HCH	4.76	<13	PASS
16QAM	LCH	4.21	<13	PASS
	MCH	5.91	<13	PASS
	HCH	5.73	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz)

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	3.36	<13	PASS
	MCH	5.03	<13	PASS
	HCH	5.02	<13	PASS
16QAM	LCH	4.41	<13	PASS
	MCH	5.90	<13	PASS
	HCH	5.96	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	3.49	<13	PASS
	MCH	5.13	<13	PASS
	HCH	5.14	<13	PASS
16QAM	LCH	4.46	<13	PASS
	MCH	5.96	<13	PASS
	HCH	6.06	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.22	<13	PASS
	MCH	5.04	<13	PASS
	HCH	5.28	<13	PASS
16QAM	LCH	5.12	<13	PASS
	MCH	5.95	<13	PASS
	HCH	6.18	<13	PASS

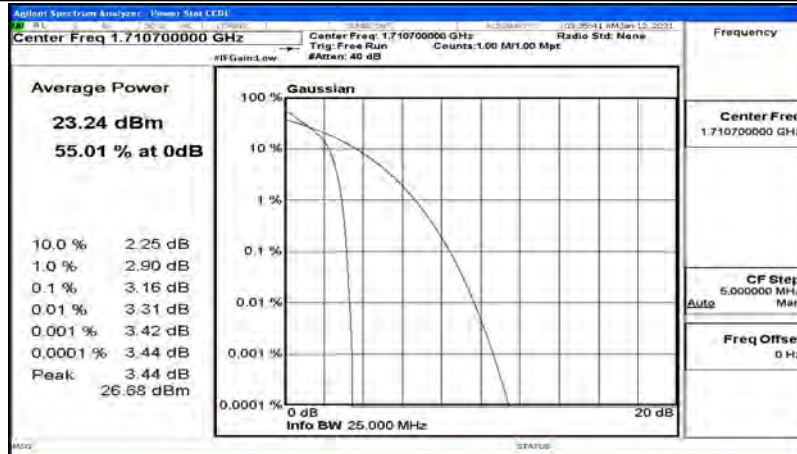
Peak-to Average Ratio Test Result (Channel Bandwidth: 15 MHz)

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.04	<13	PASS
	MCH	5.24	<13	PASS
	HCH	5.55	<13	PASS
16QAM	LCH	5.85	<13	PASS
	MCH	6.00	<13	PASS
	HCH	6.28	<13	PASS

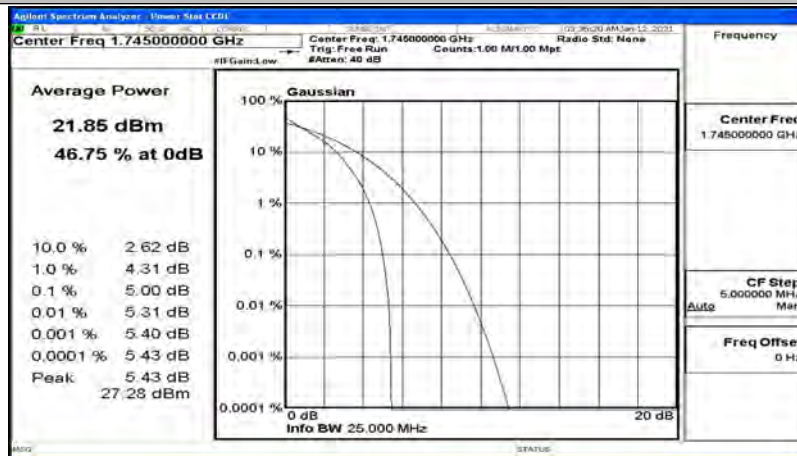
Peak-to Average Ratio Test Result (Channel Bandwidth: 20 MHz)

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.05	<13	PASS
	MCH	5.19	<13	PASS
	HCH	5.26	<13	PASS
16QAM	LCH	5.97	<13	PASS
	MCH	5.95	<13	PASS
	HCH	6.09	<13	PASS

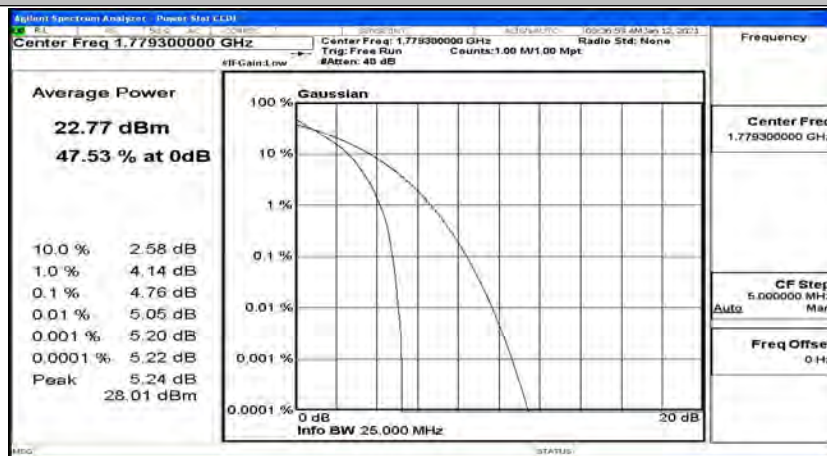
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



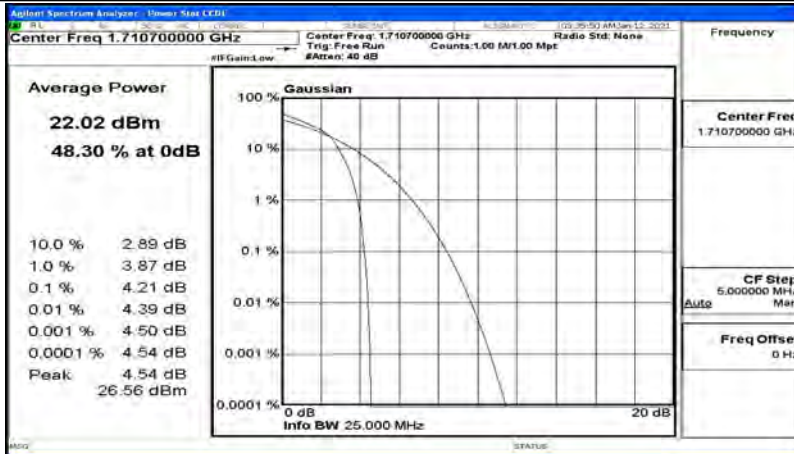
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_QPSK



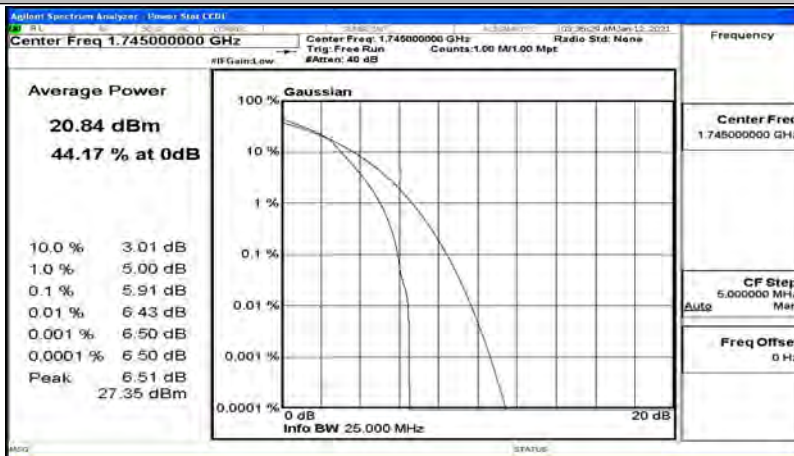
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



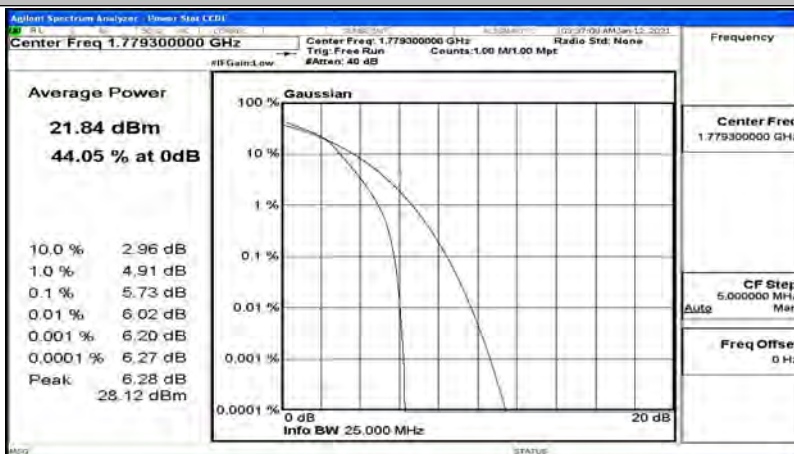
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



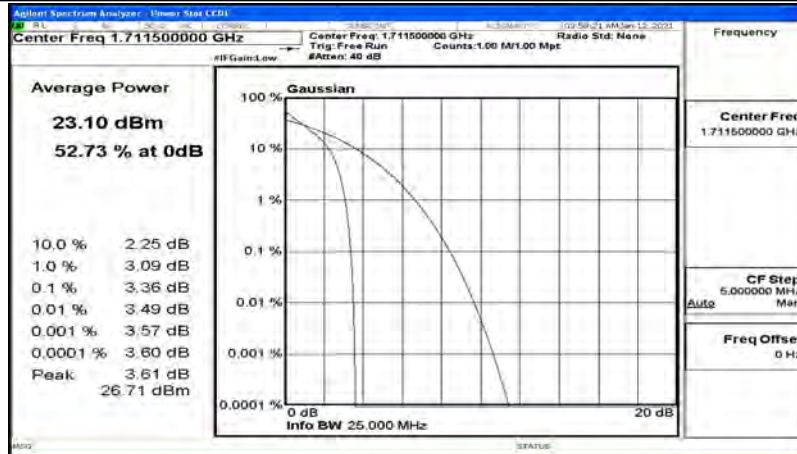
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_16QAM



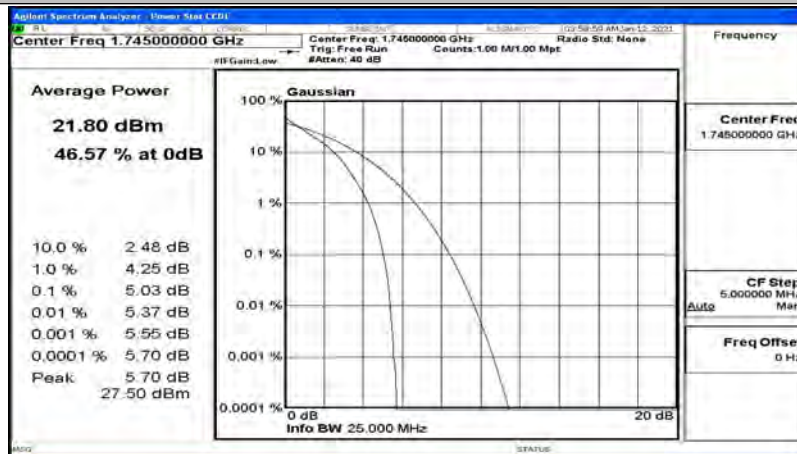
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



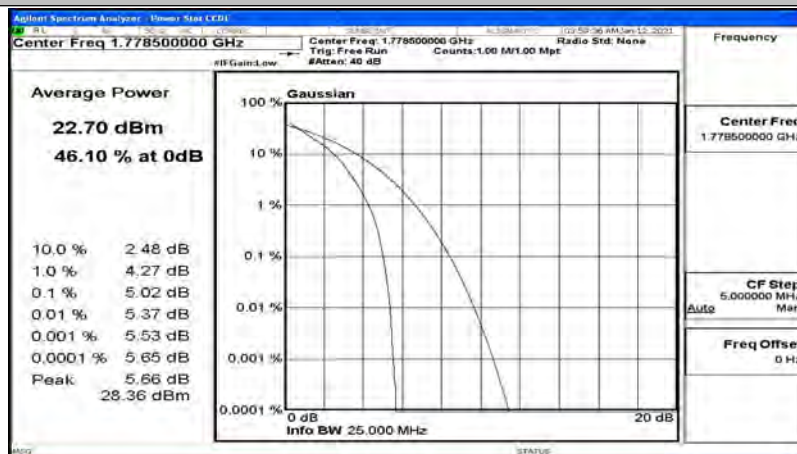
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



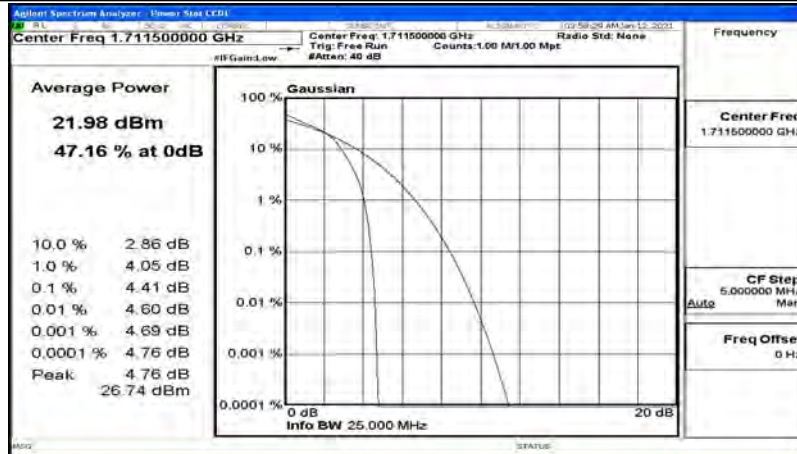
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_QPSK



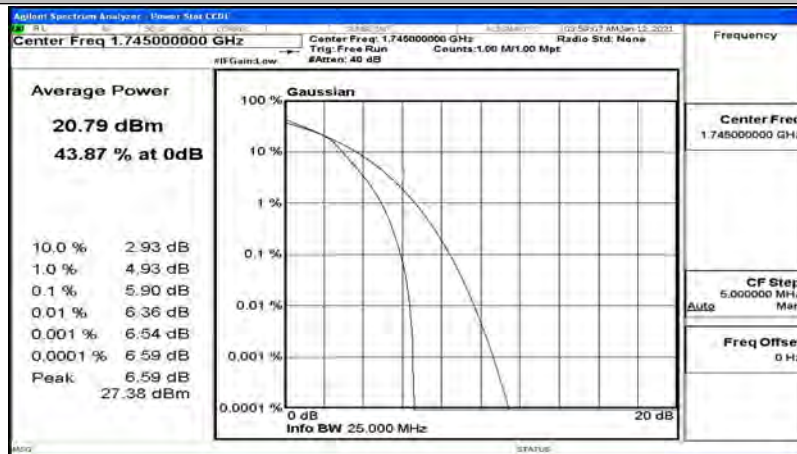
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



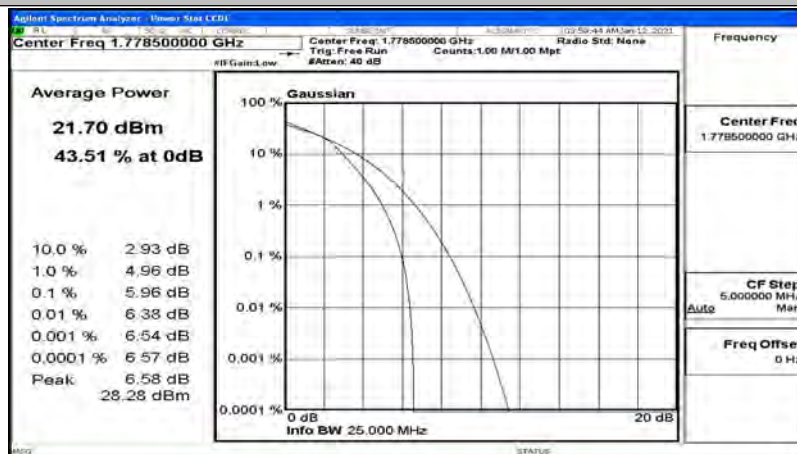
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



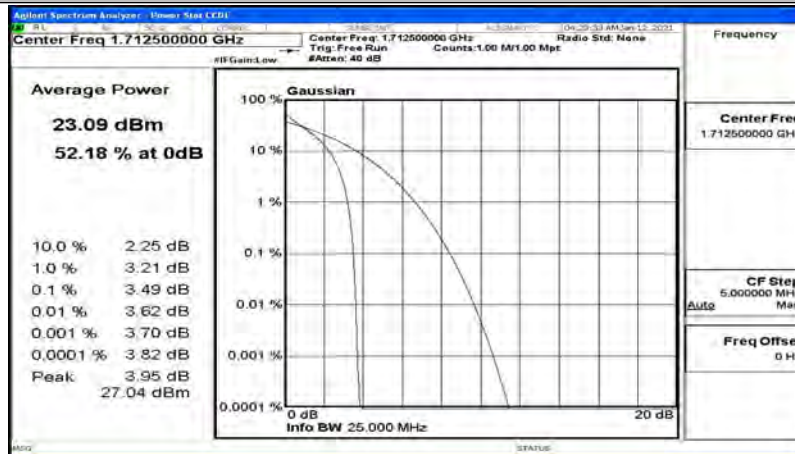
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_16QAM



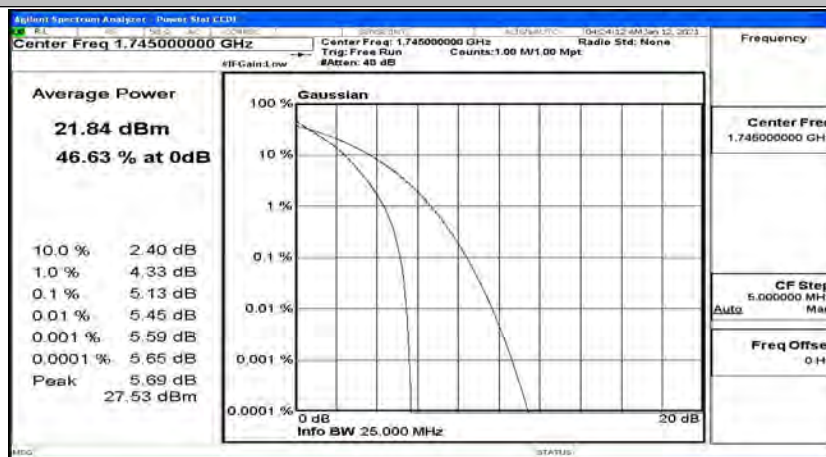
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



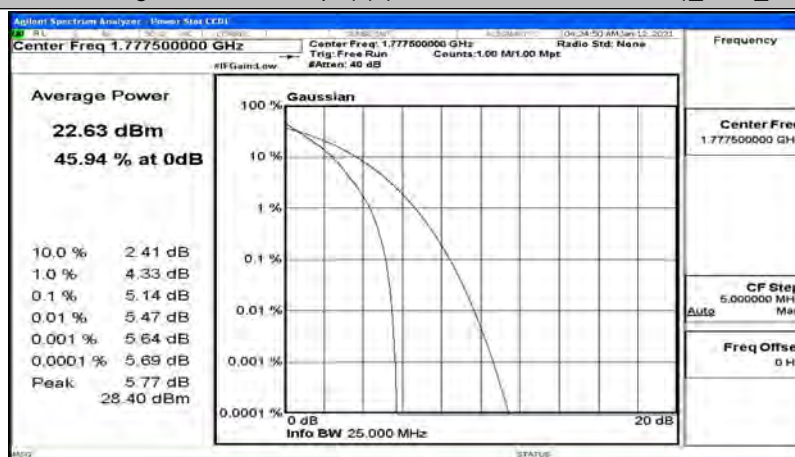
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



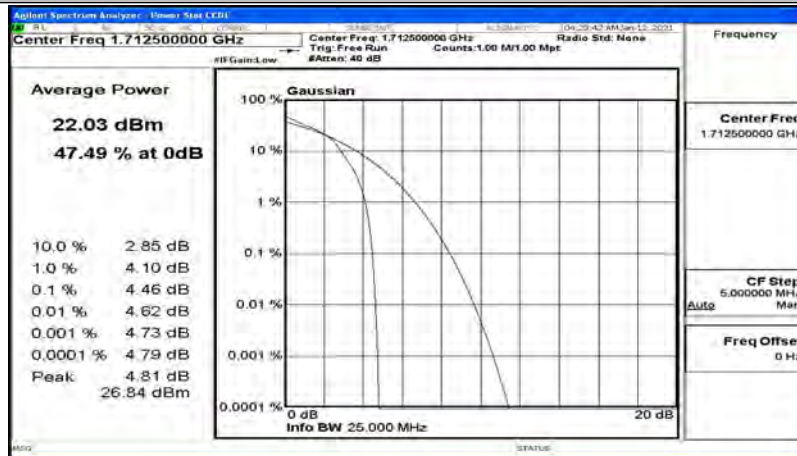
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



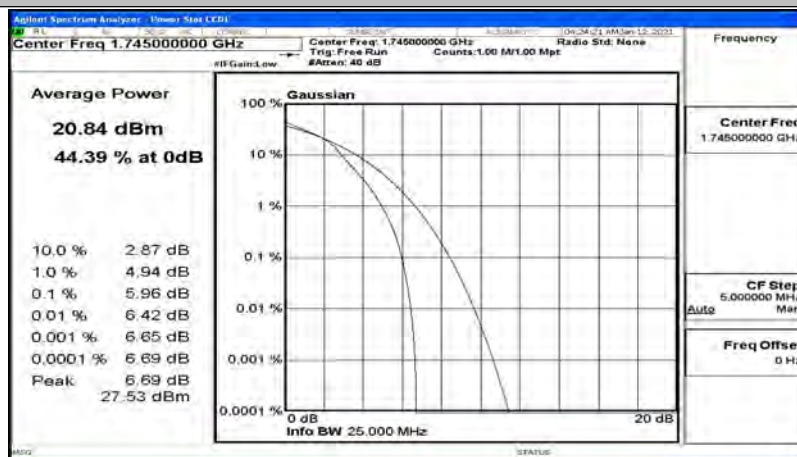
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



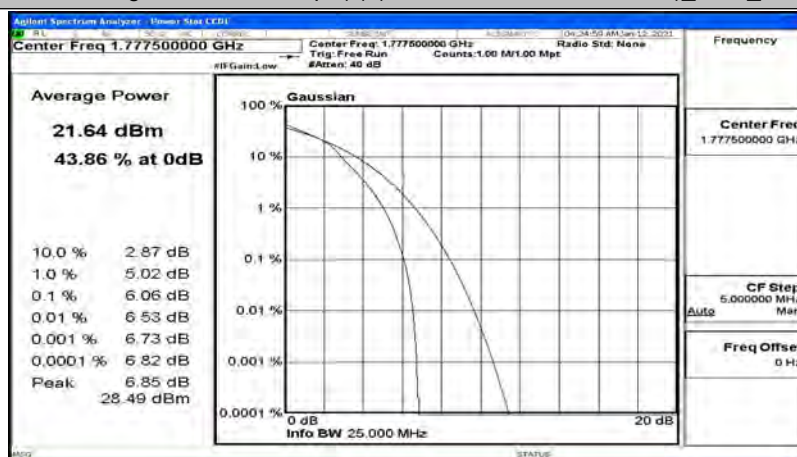
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



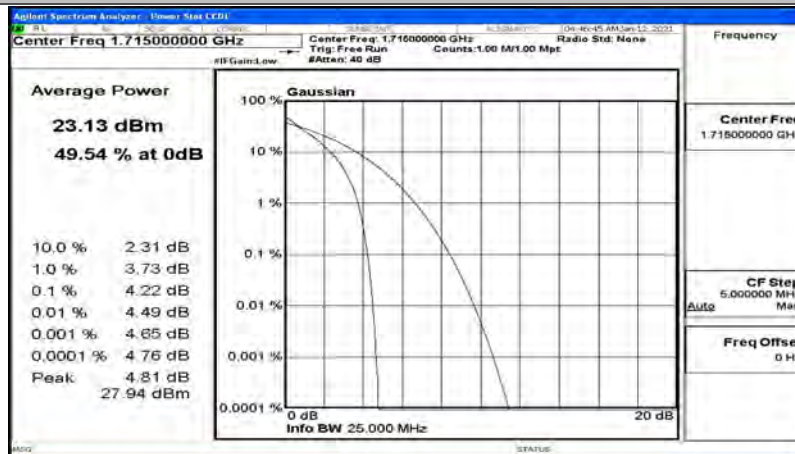
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



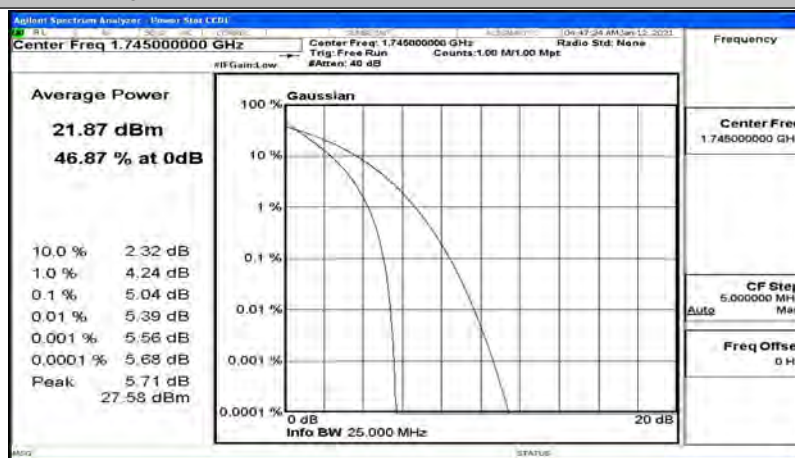
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



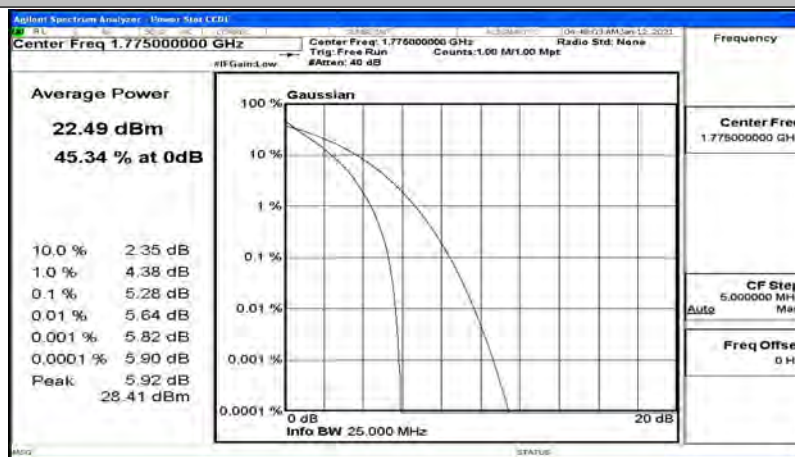
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



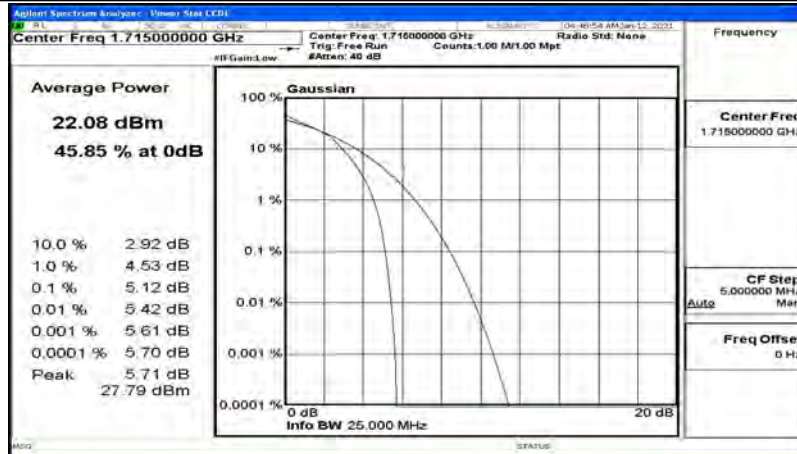
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



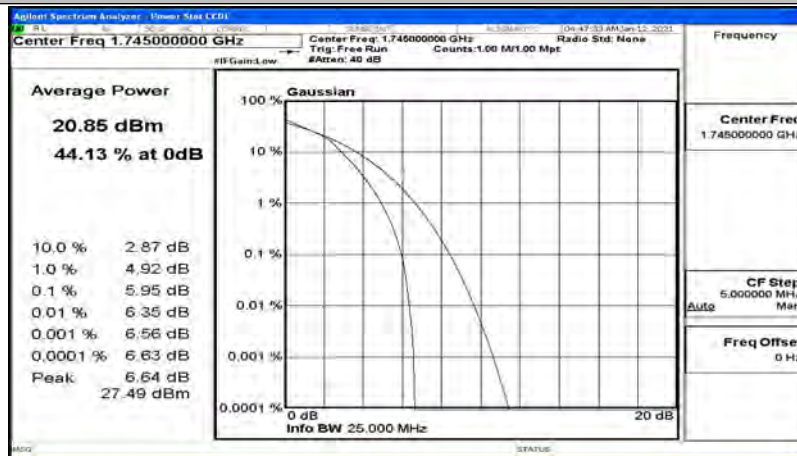
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



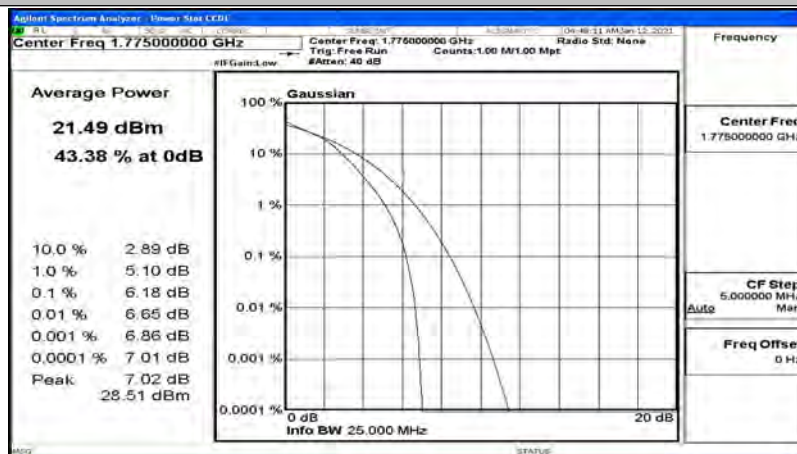
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



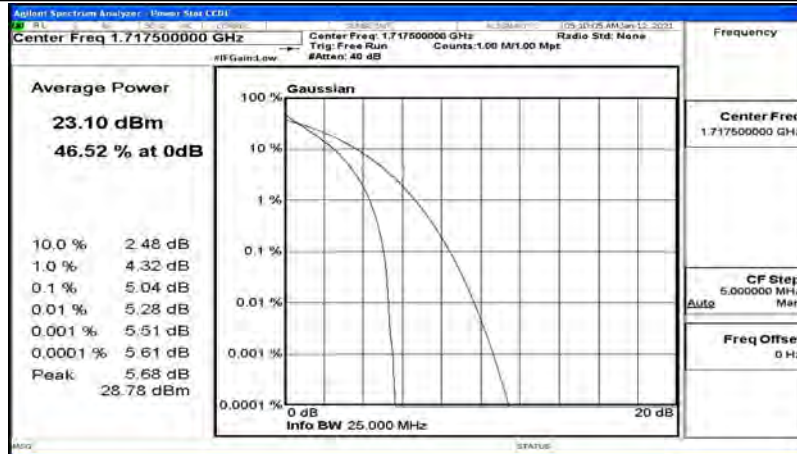
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM



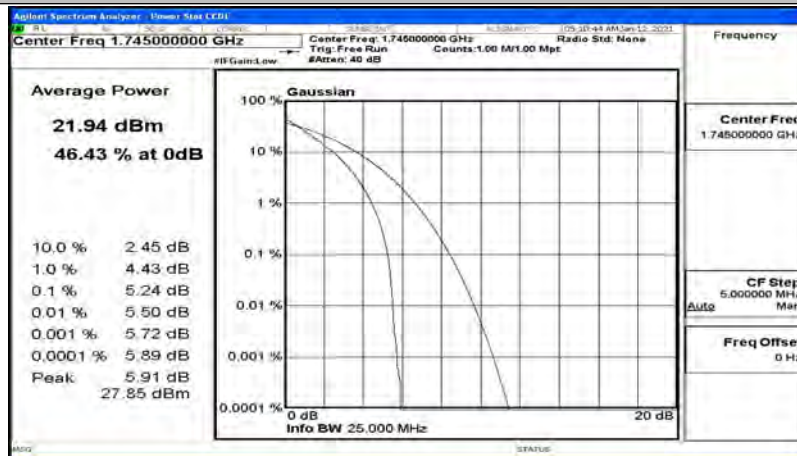
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



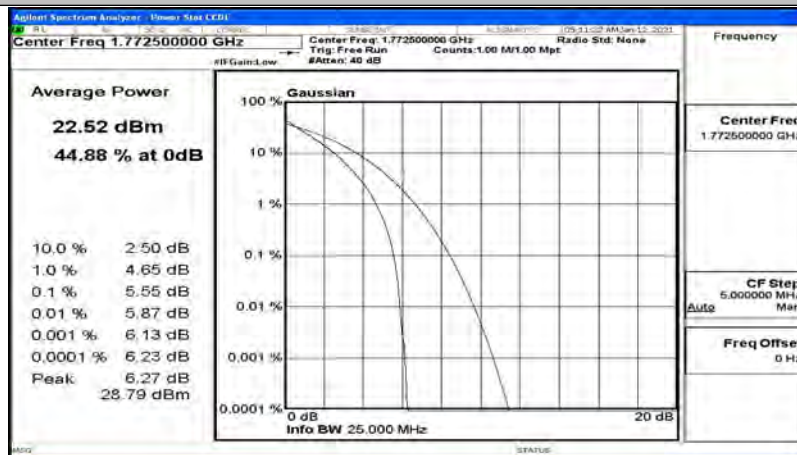
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



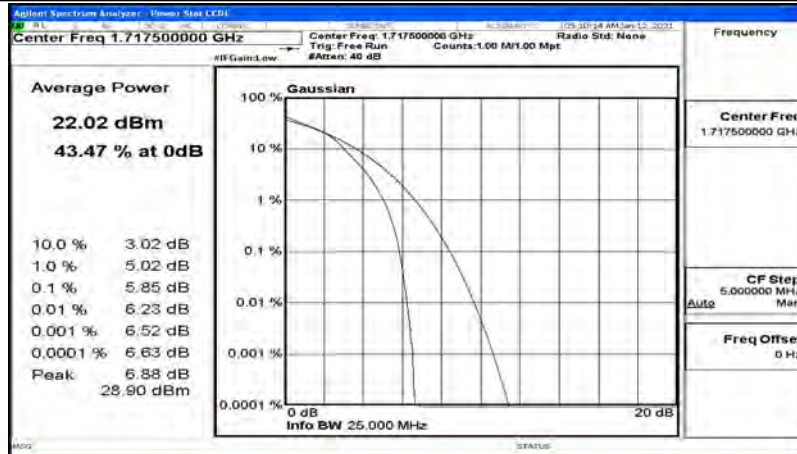
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_QPSK



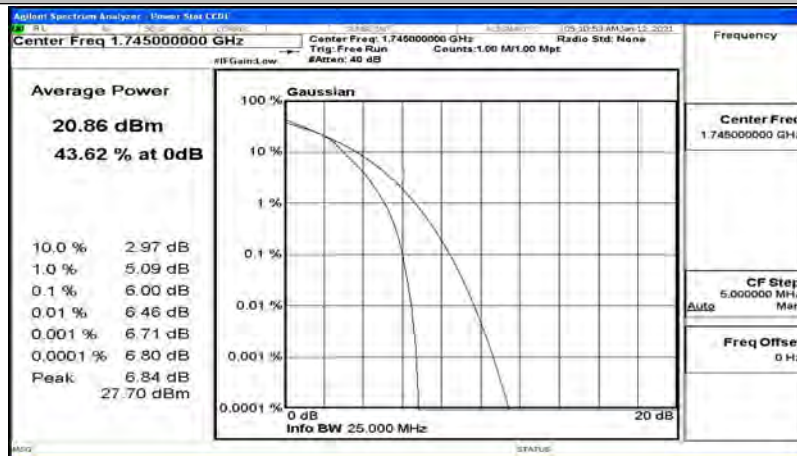
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



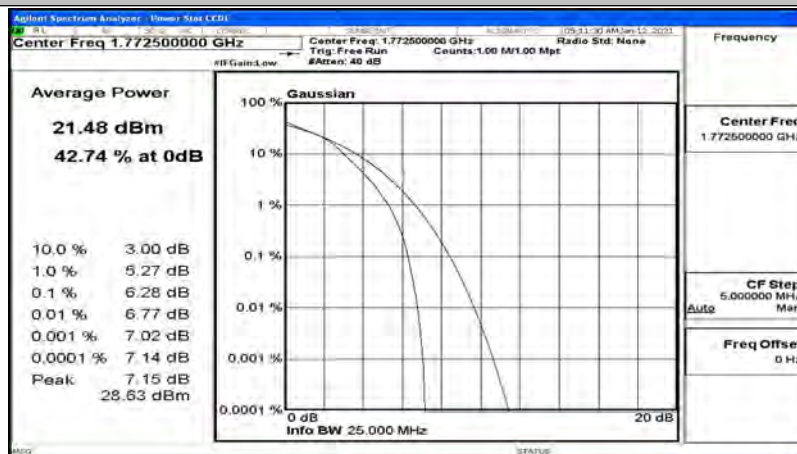
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



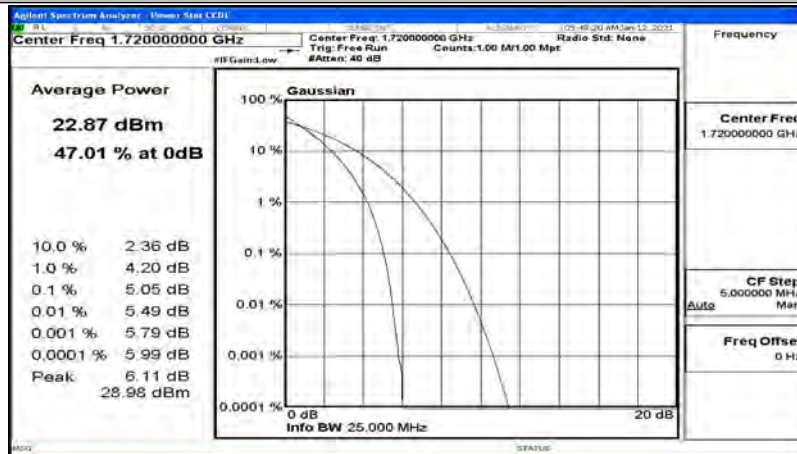
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_16QAM



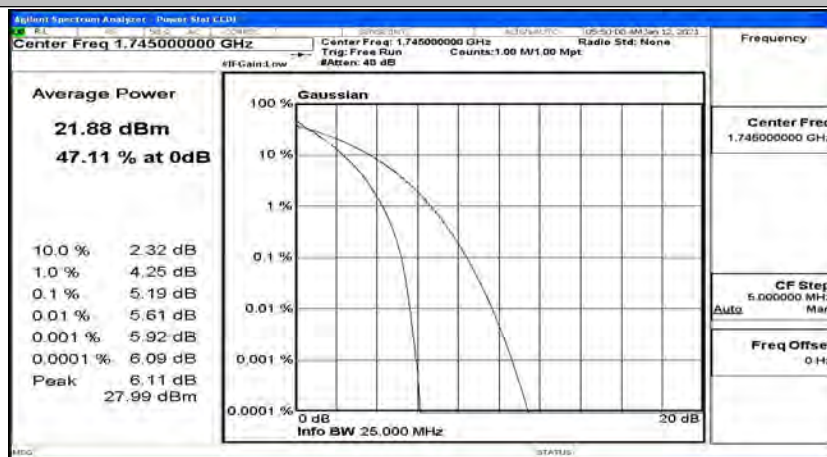
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



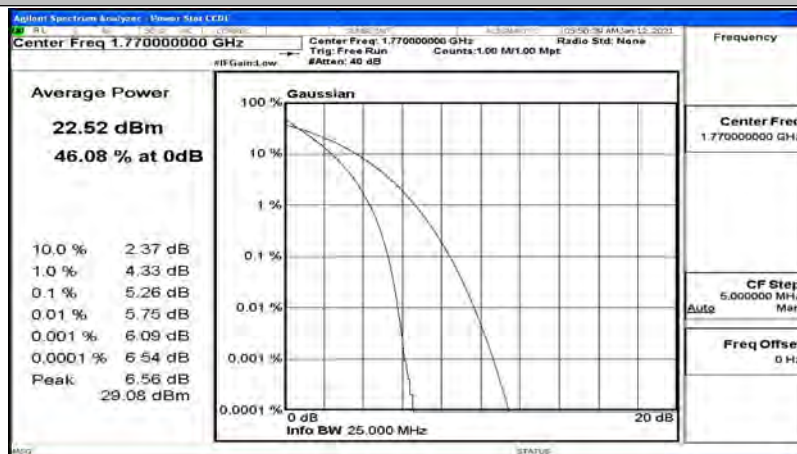
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



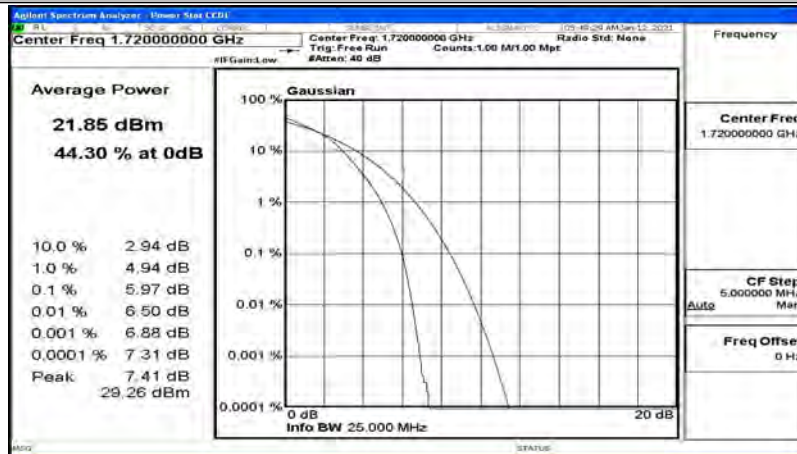
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_QPSK



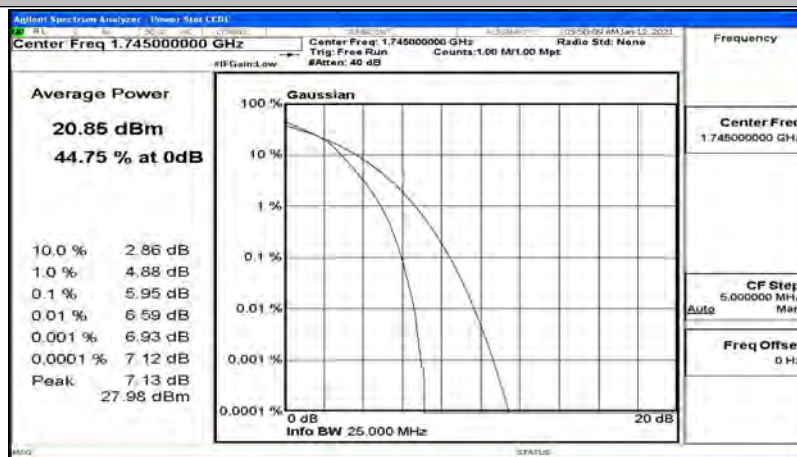
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



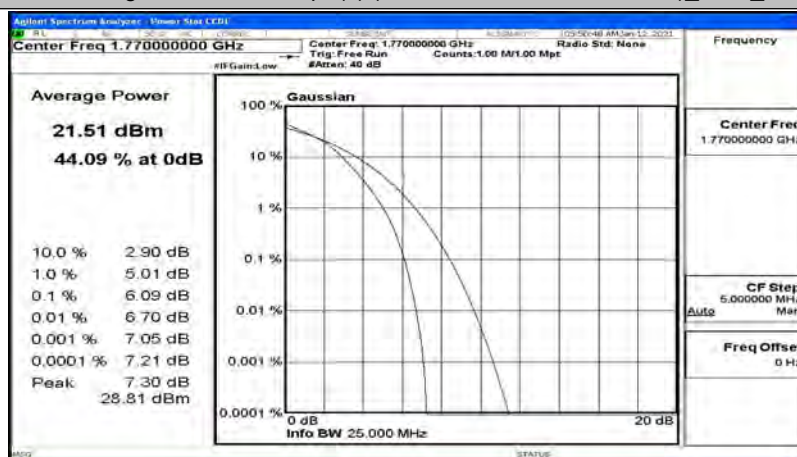
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM



Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_16QAM



Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_16QAM



M.3 26dB Bandwidth and Occupied Bandwidth

EBW & OBW Test Result (Channel Bandwidth: 1.4 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	1.0937	1.433	PASS
	MCH	1.0913	1.251	PASS
	HCH	1.0893	1.249	PASS
16QAM	LCH	1.0908	1.286	PASS
	MCH	1.0891	1.250	PASS
	HCH	1.0881	1.229	PASS

EBW & OBW Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	2.6960	2.865	PASS
	MCH	2.6850	2.862	PASS
	HCH	2.6856	2.867	PASS
16QAM	LCH	2.6979	2.889	PASS
	MCH	2.6861	2.859	PASS
	HCH	2.6931	2.844	PASS

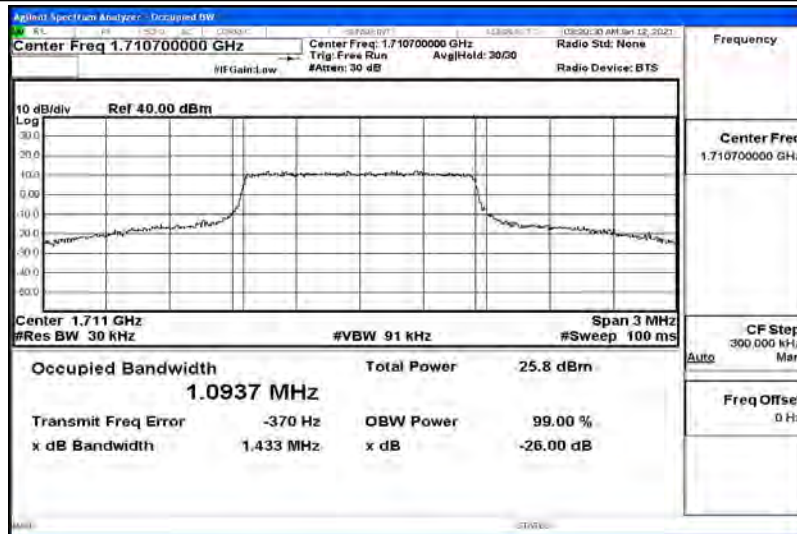
EBW & OBW Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	4.5165	5.121	PASS
	MCH	4.4994	4.969	PASS
	HCH	4.5084	4.934	PASS
16QAM	LCH	4.5124	5.036	PASS
	MCH	4.5028	4.978	PASS
	HCH	4.5132	4.921	PASS

EBW & OBW Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	8.9909	9.729	PASS
	MCH	8.9931	9.590	PASS
	HCH	8.9736	9.558	PASS
16QAM	LCH	8.9750	9.592	PASS
	MCH	8.9749	9.553	PASS
	HCH	8.9661	9.584	PASS

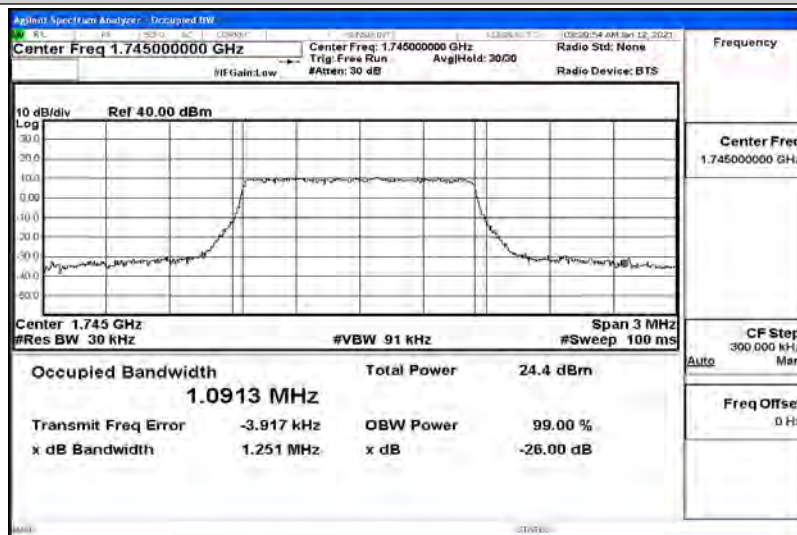
EBW & OBW Test Result (Channel Bandwidth: 15 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	13.457	14.35	PASS
	MCH	13.472	14.29	PASS
	HCH	13.472	14.32	PASS
16QAM	LCH	13.454	14.26	PASS
	MCH	13.456	14.32	PASS
	HCH	13.463	14.32	PASS

EBW & OBW Test Result (Channel Bandwidth: 20 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	17.929	18.98	PASS
	MCH	17.964	18.99	PASS
	HCH	17.957	19.02	PASS
16QAM	LCH	17.932	18.98	PASS
	MCH	17.942	19.01	PASS
	HCH	17.961	19.01	PASS

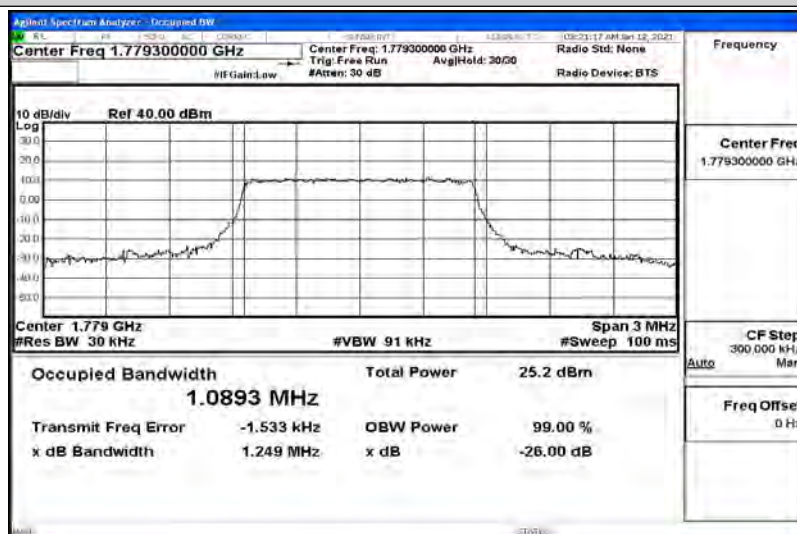
Band66-1.4MHz-QPSK-131979-6RB#0-1.0937



Band66-1.4MHz-QPSK-132322-6RB#0-1.0913



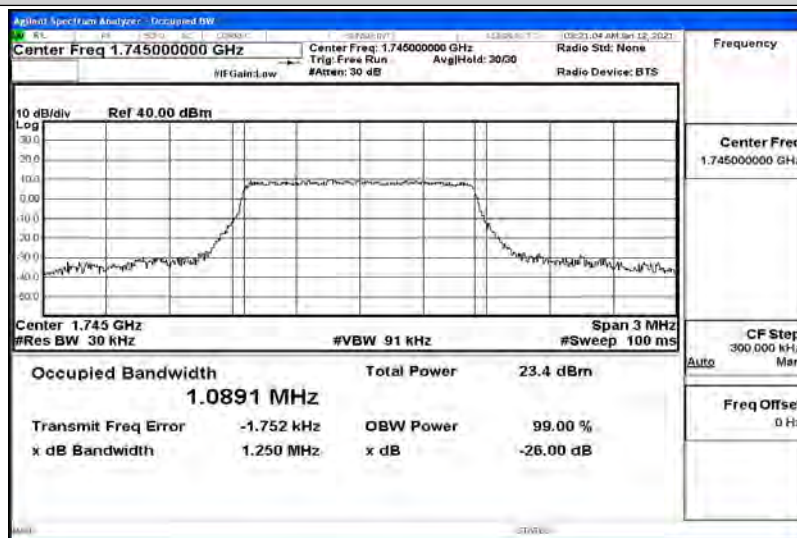
Band66-1.4MHz-QPSK-132665-6RB#0-1.0893



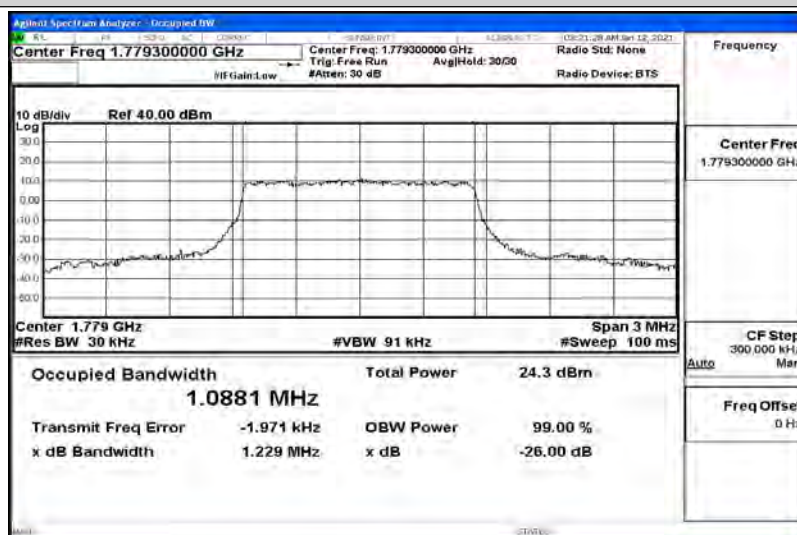
Band66-1.4MHz-16QAM-131979-6RB#0-1.0908



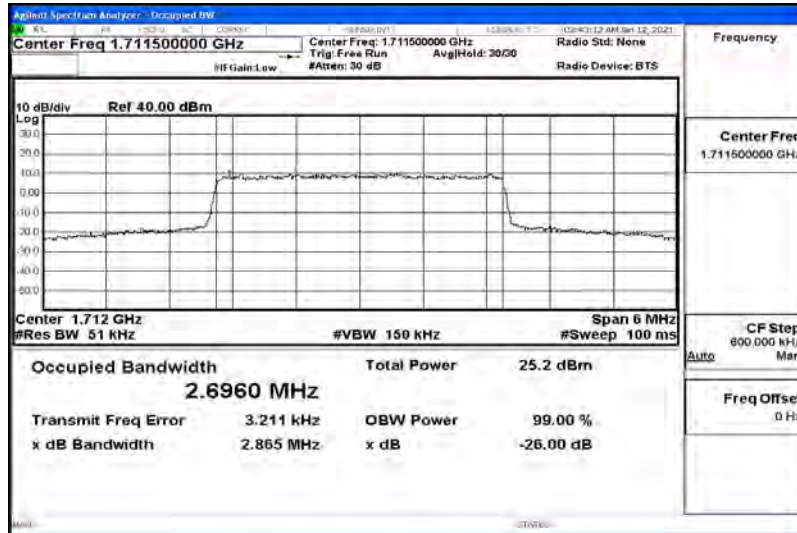
Band66-1.4MHz-16QAM-132322-6RB#0-1.0891



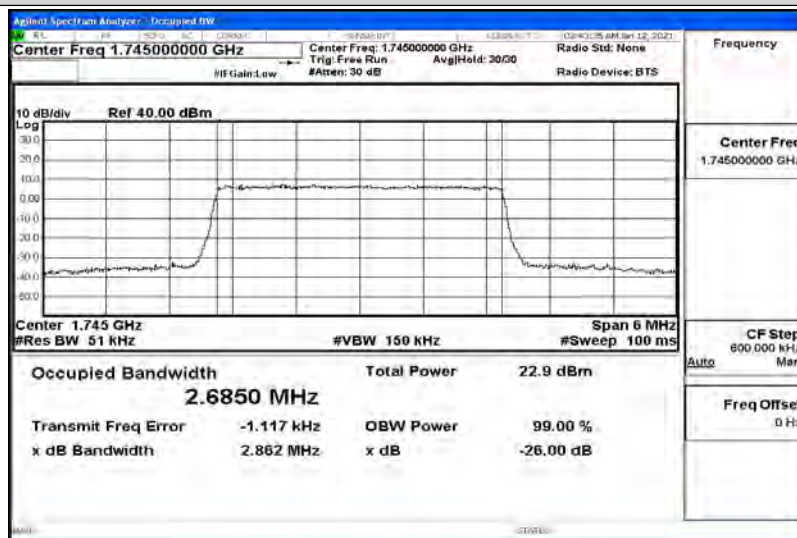
Band66-1.4MHz-16QAM-132665-6RB#0-1.0881



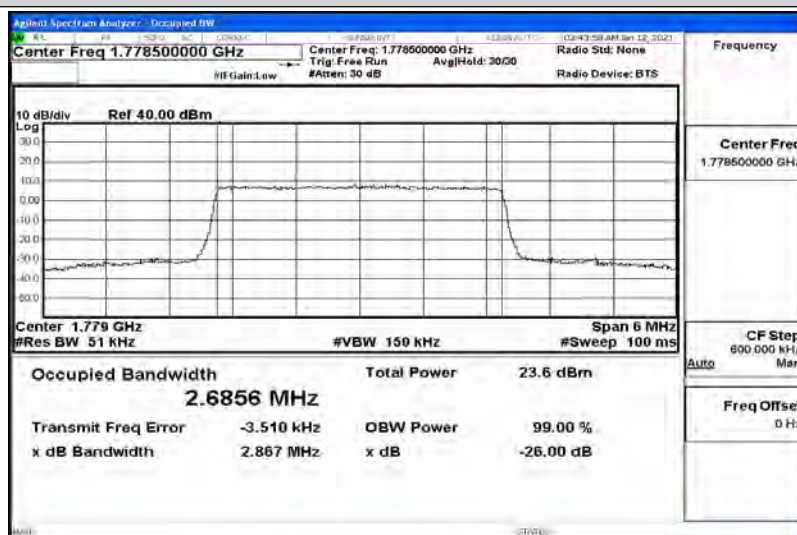
Band66-3MHz-QPSK-131987-15RB#0-2.6960



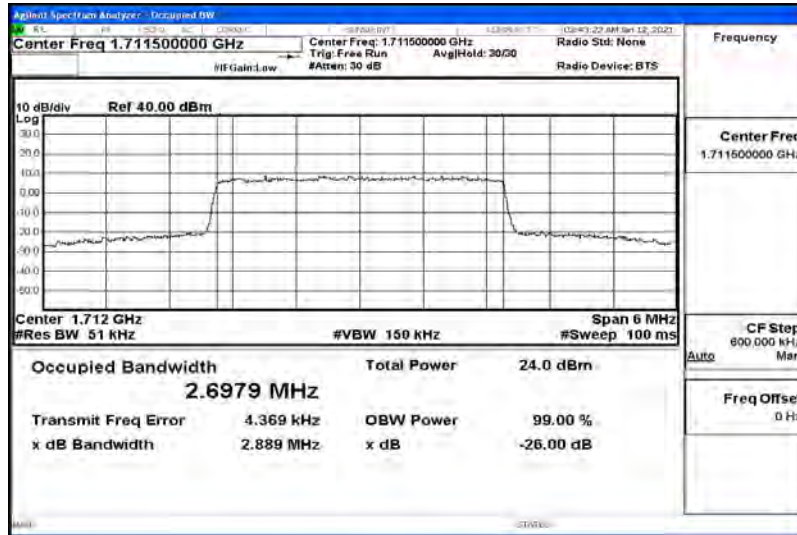
Band66-3MHz-QPSK-132322-15RB#0-2.6850



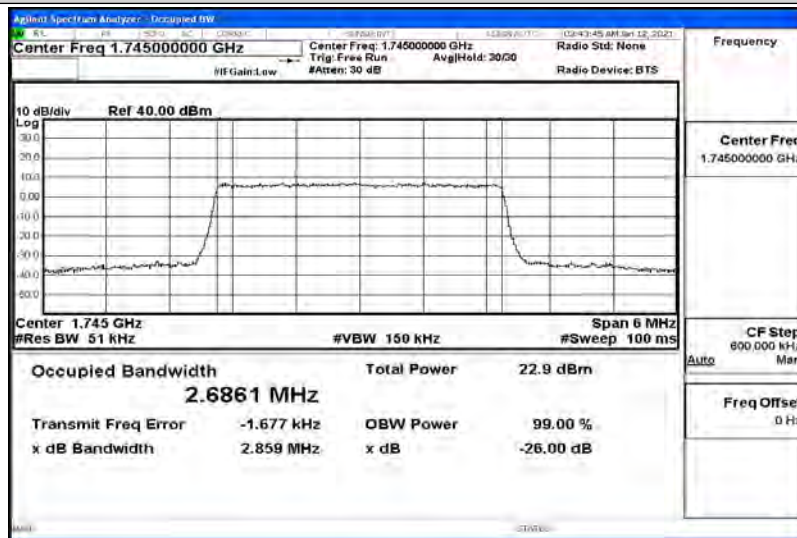
Band66-3MHz-QPSK-132657-15RB#0-2.6856



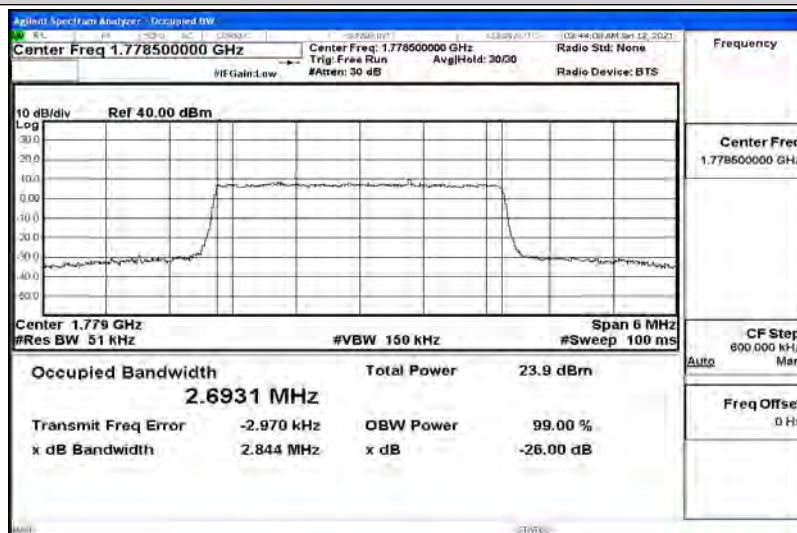
Band66-3MHz-16QAM-131987-15RB#0-2.6979



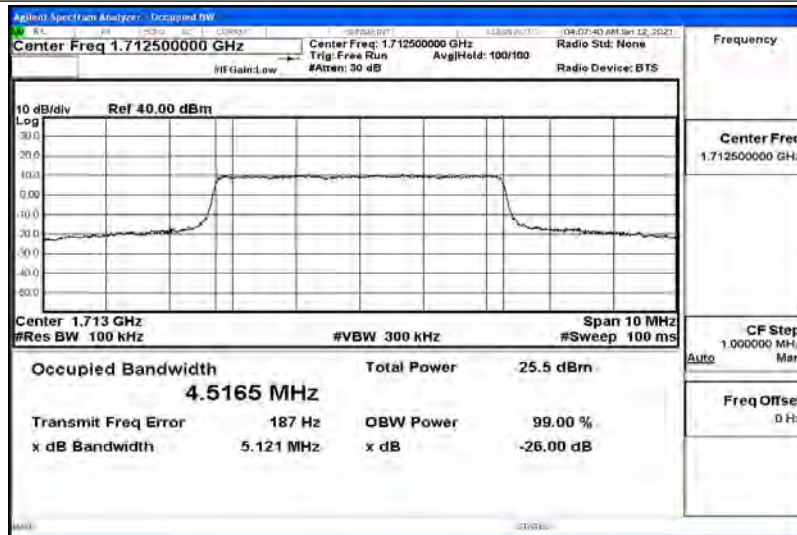
Band66-3MHz-16QAM-132322-15RB#0-2.6861



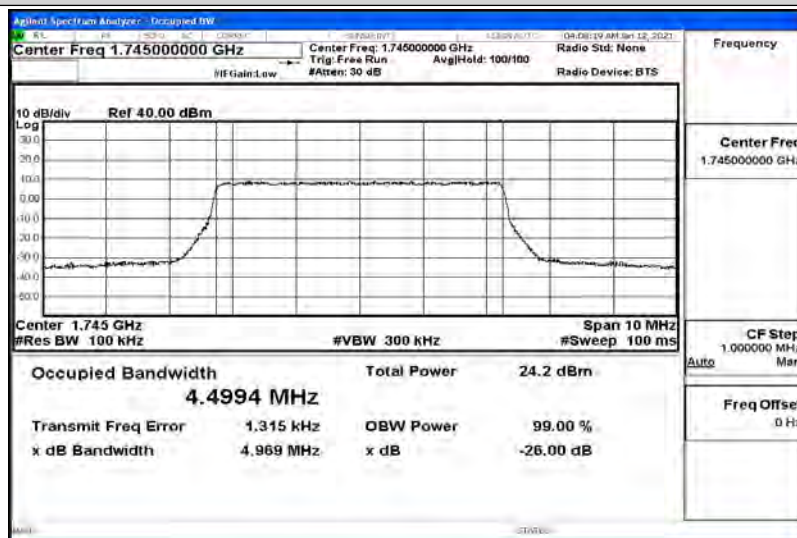
Band66-3MHz-16QAM-132657-15RB#0-2.6931



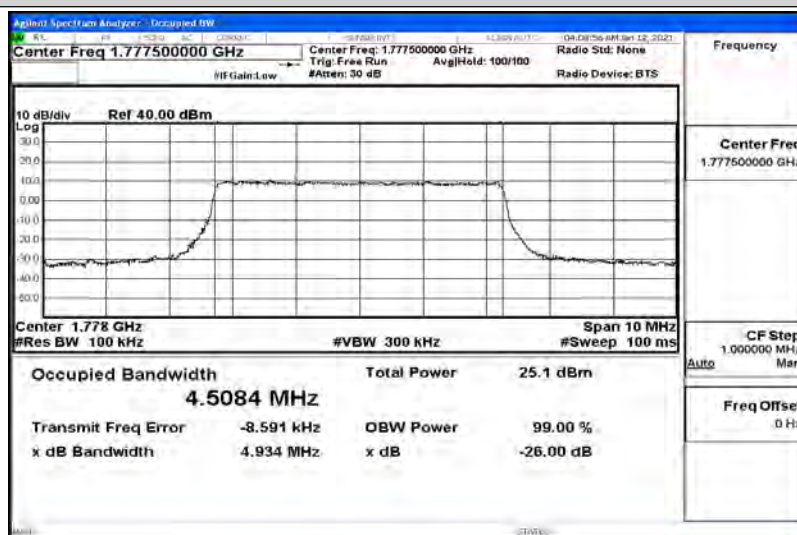
Band66-5MHz-QPSK-131997-25RB#0-4.5165



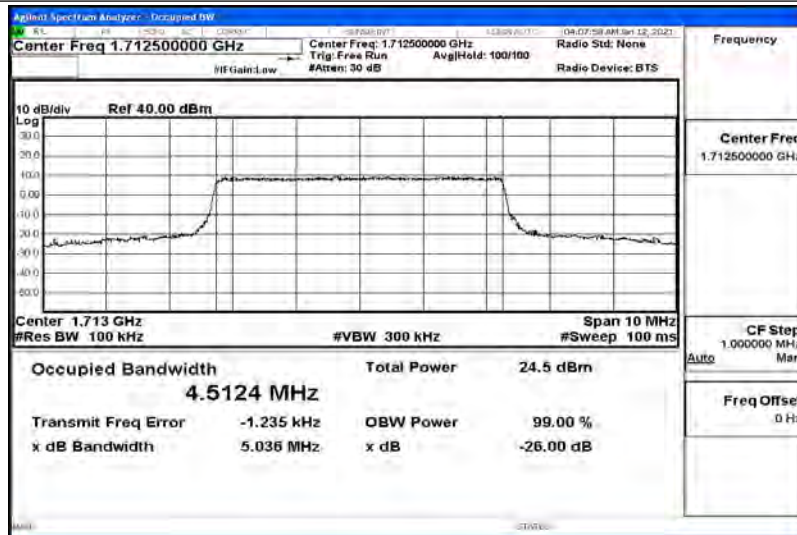
Band66-5MHz-QPSK-132322-25RB#0-4.4994



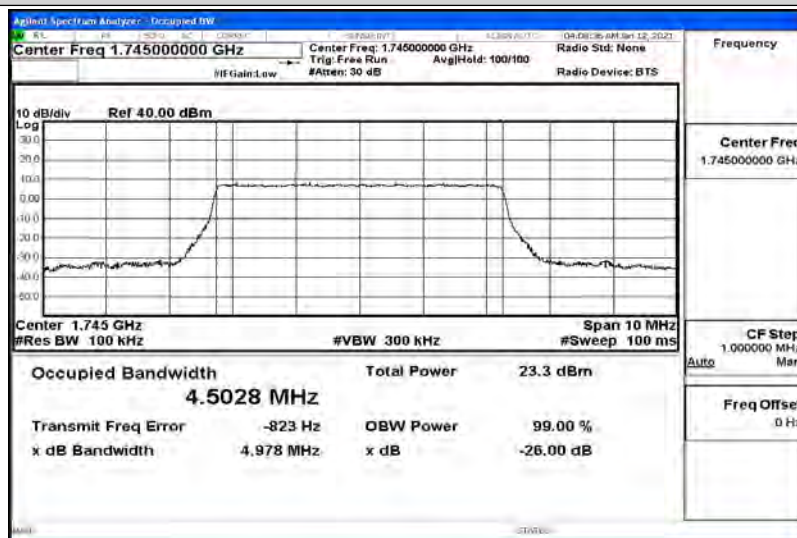
Band66-5MHz-QPSK-132647-25RB#0-4.5084



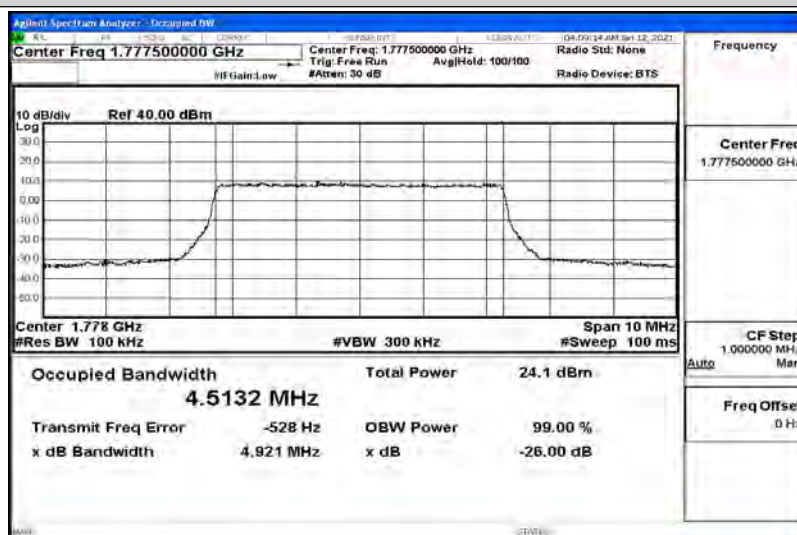
Band66-5MHz-16QAM-131997-25RB#0-4.5124



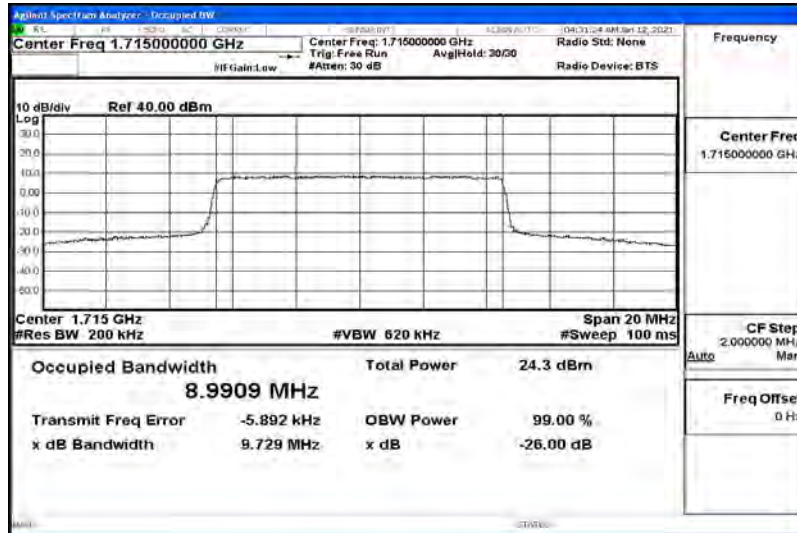
Band66-5MHz-16QAM-132322-25RB#0-4.5028



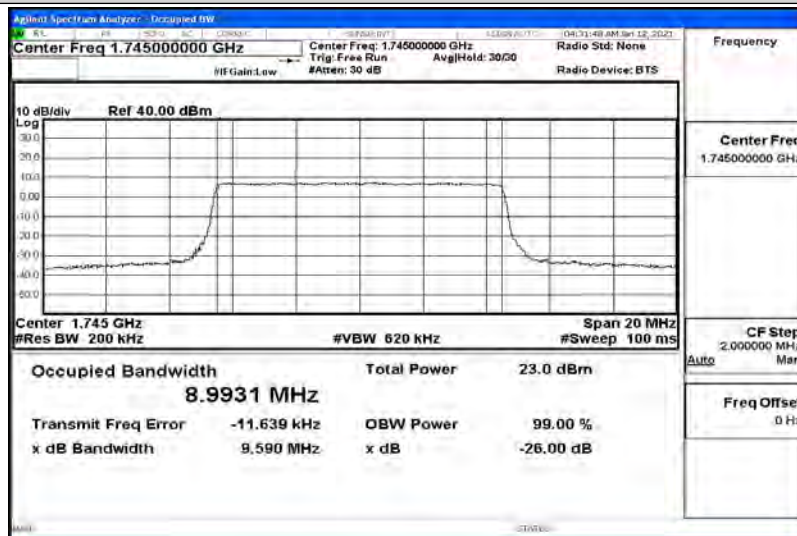
Band66-5MHz-16QAM-132647-25RB#0-4.5132



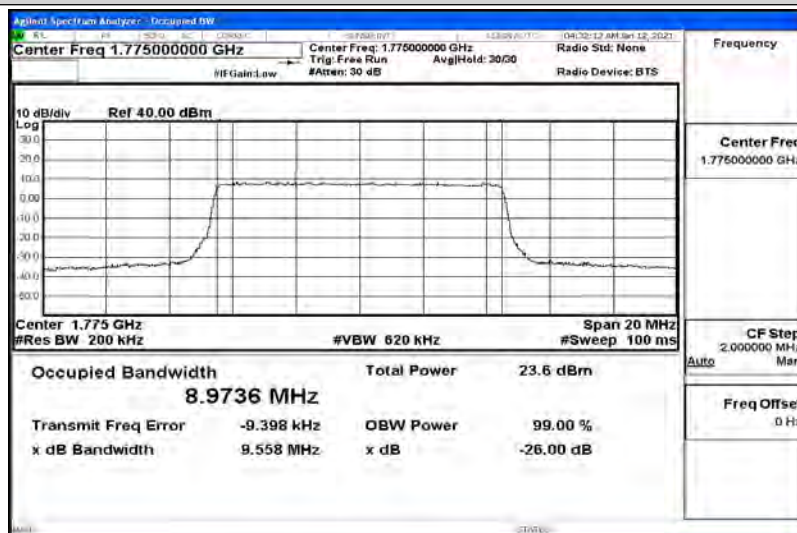
Band66-10MHz-QPSK-132022-50RB#0-8.9909



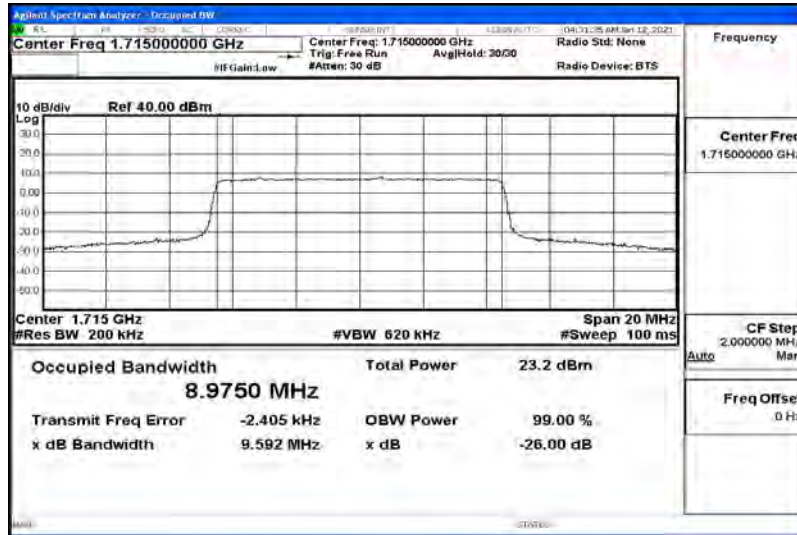
Band66-10MHz-QPSK-132322-50RB#0-8.9931



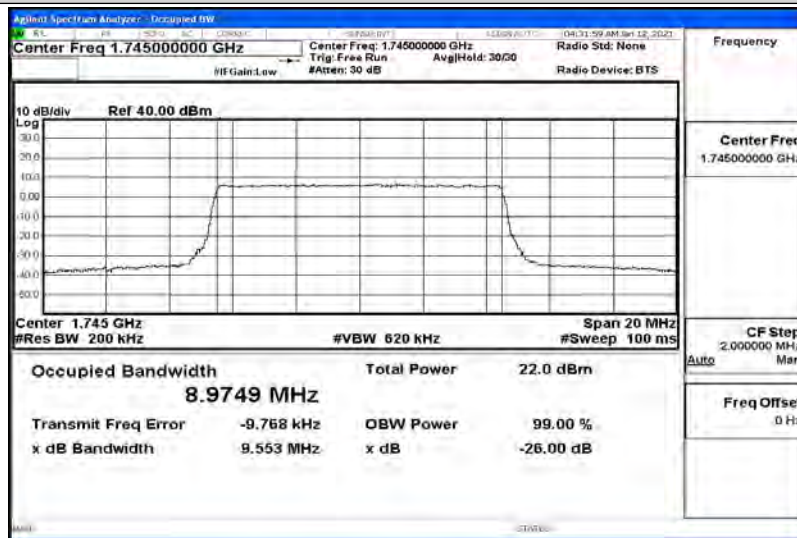
Band66-10MHz-QPSK-132622-50RB#0-8.9736



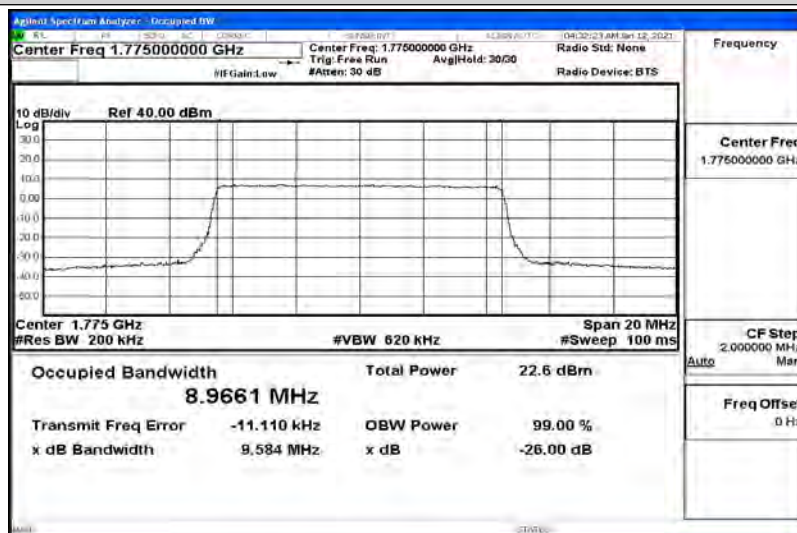
Band66-10MHz-16QAM-132022-50RB#0-8.9750



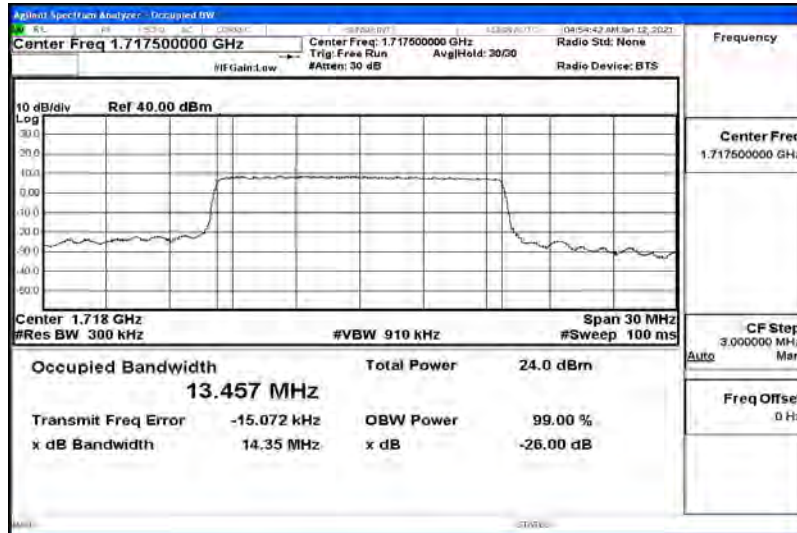
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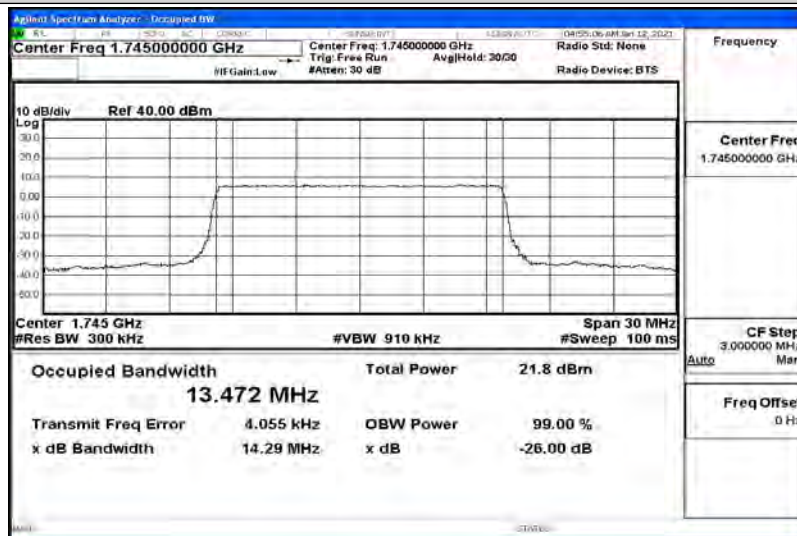
Band66-10MHz-16QAM-132622-50RB#0-8.9661



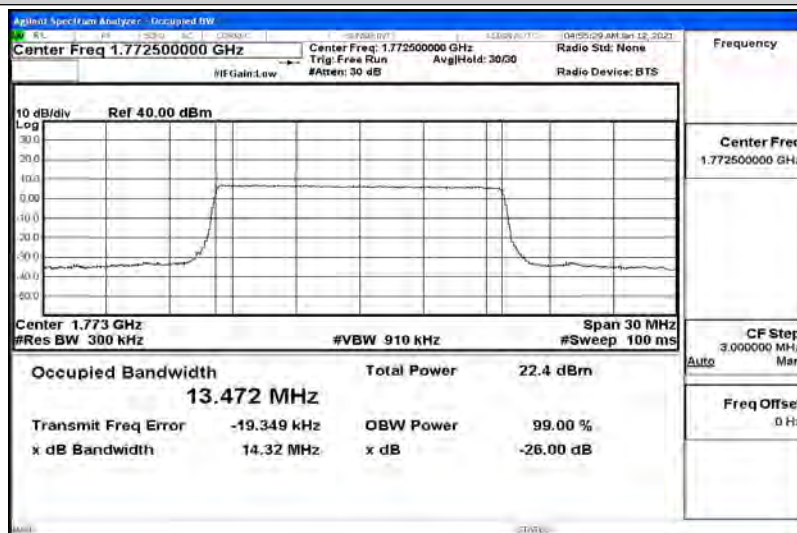
Band66-15MHz-QPSK-132047-75RB#0-13.457



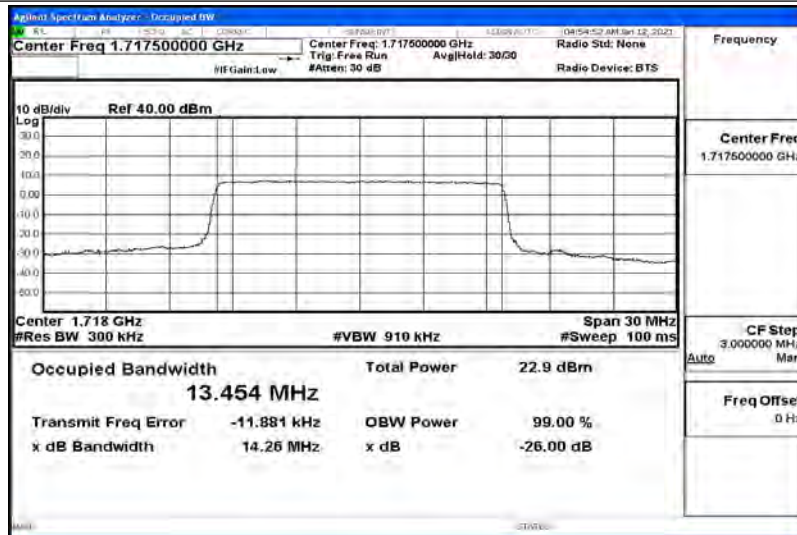
Band66-15MHz-QPSK-132322-75RB#0-13.472



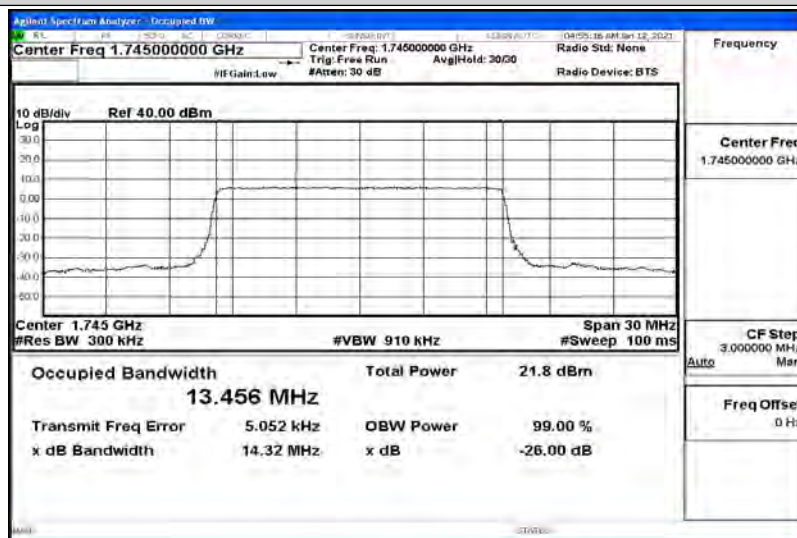
Band66-15MHz-QPSK-132597-75RB#0-13.472



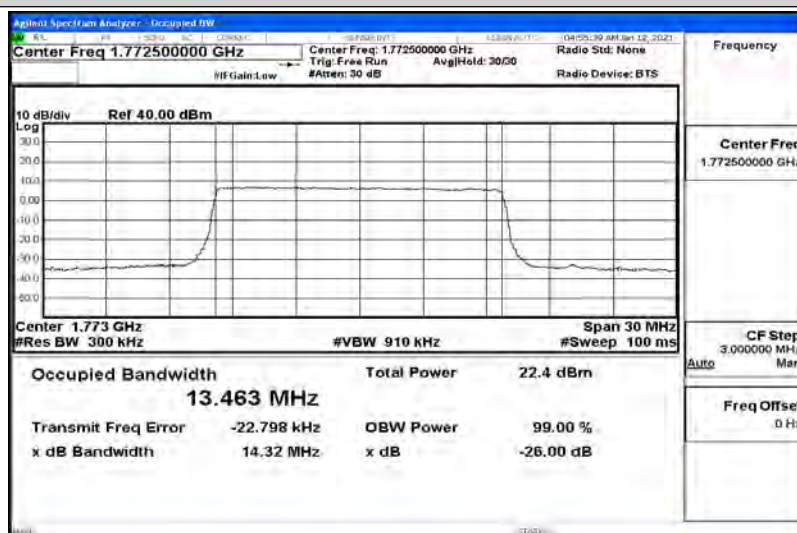
Band66-15MHz-16QAM-132047-75RB#0-13.454



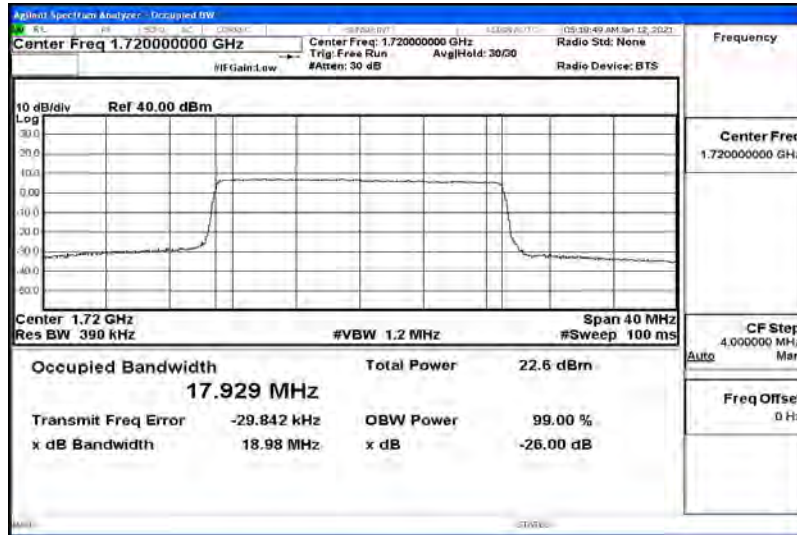
Band66-15MHz-16QAM-132322-75RB#0-13.456



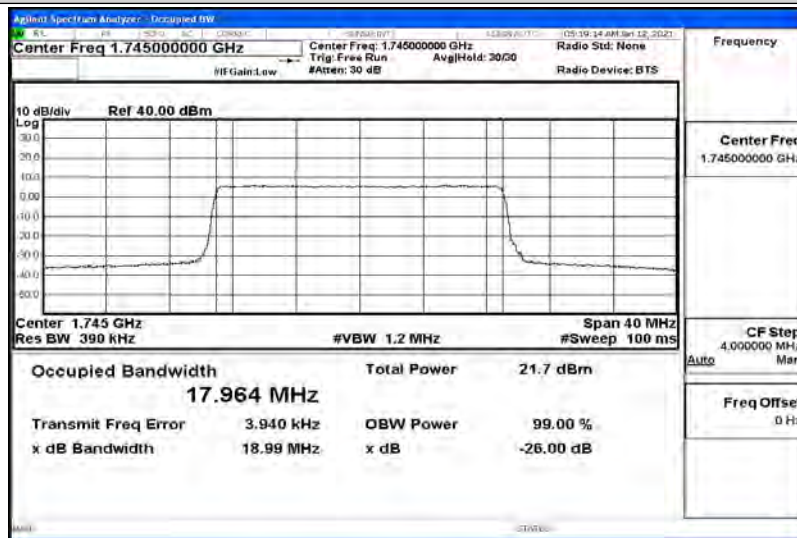
Band66-15MHz-16QAM-132597-75RB#0-13.463



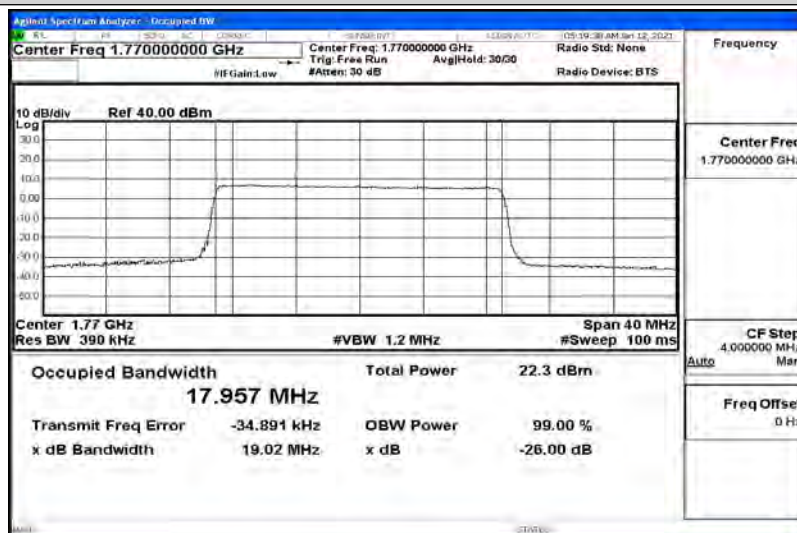
Band66-20MHz-QPSK-132072-100RB#0-17.929



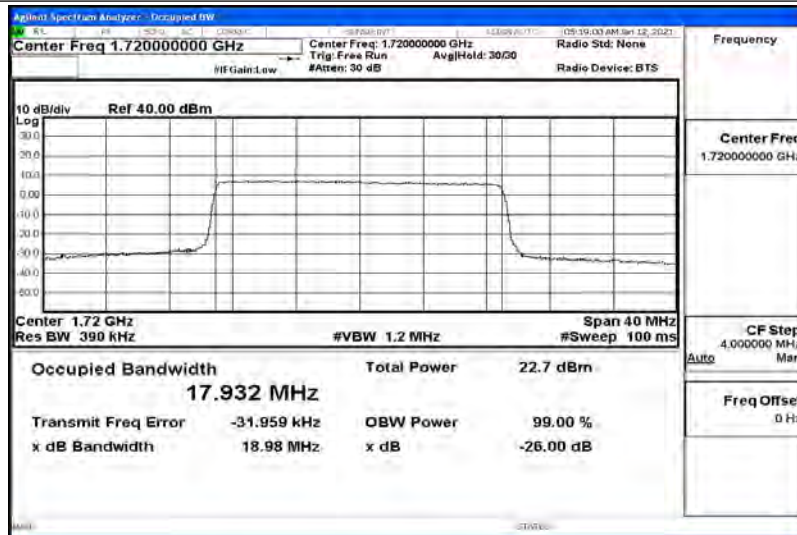
Band66-20MHz-QPSK-132322-100RB#0-17.964



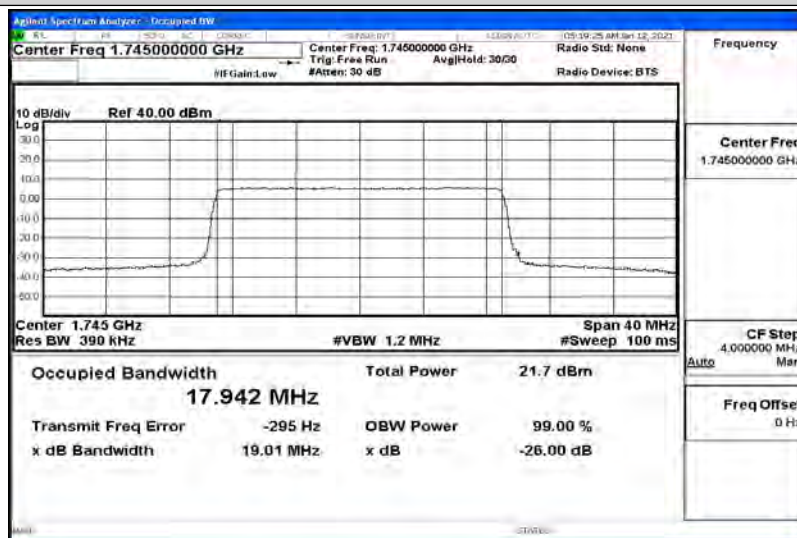
Band66-20MHz-QPSK-132572-100RB#0-17.957



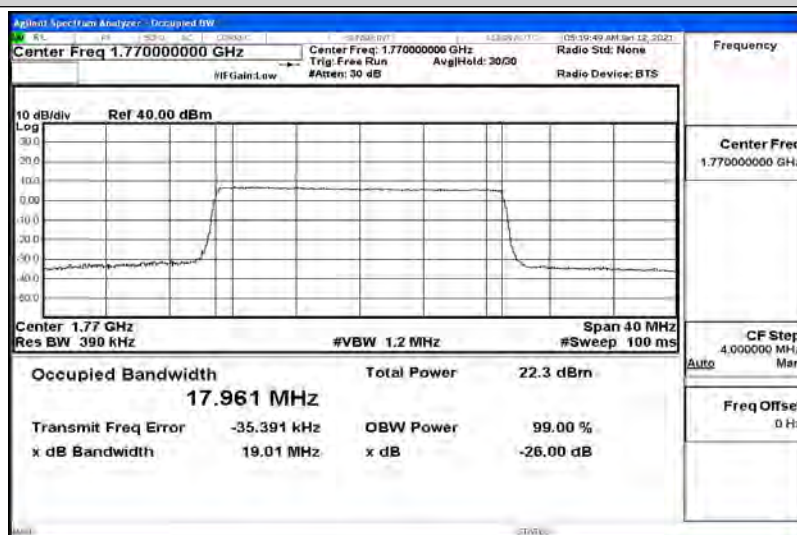
Band66-20MHz-16QAM-132072-100RB#0-17.932



Band66-20MHz-16QAM-132322-100RB#0-17.942

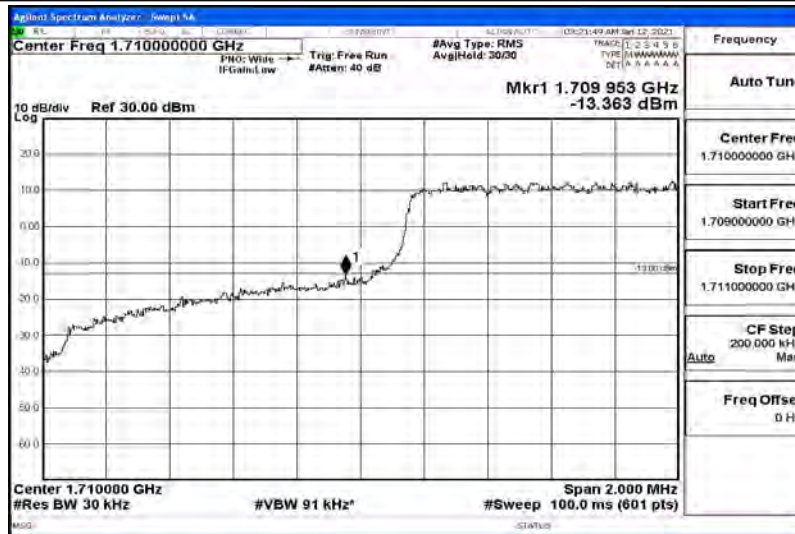


Band66-20MHz-16QAM-132572-100RB#0-17.961

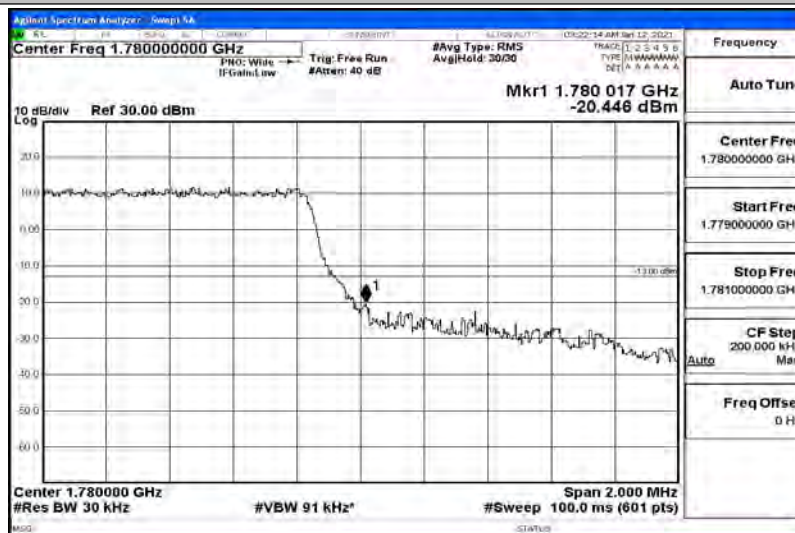


M.4 Band Edge

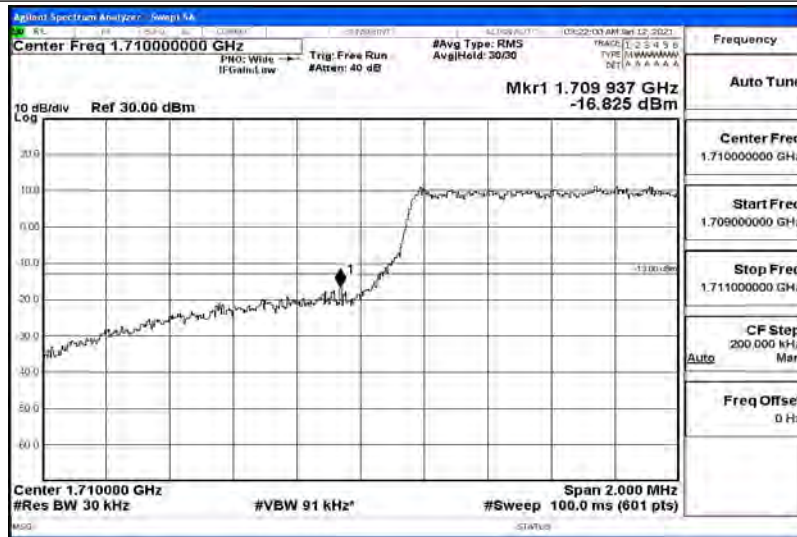
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



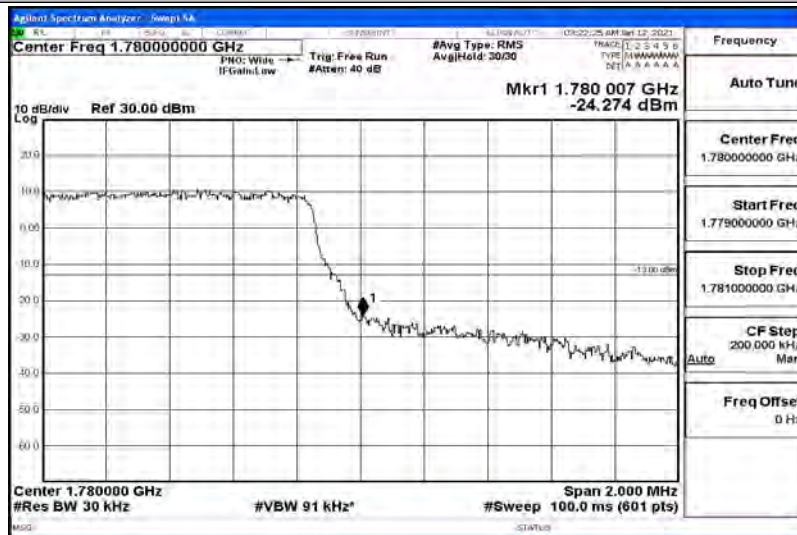
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



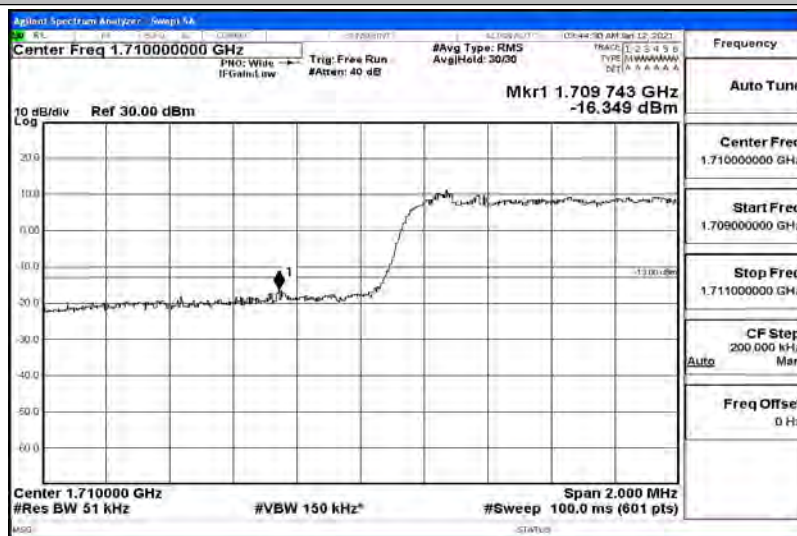
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



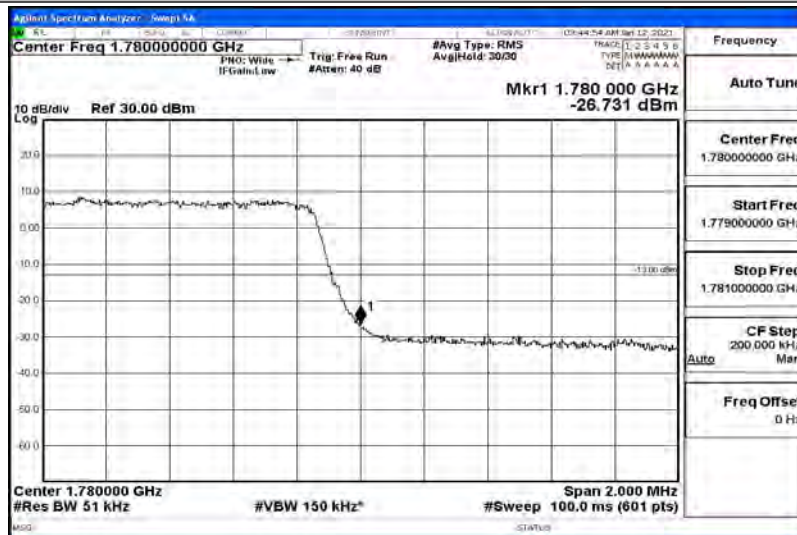
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



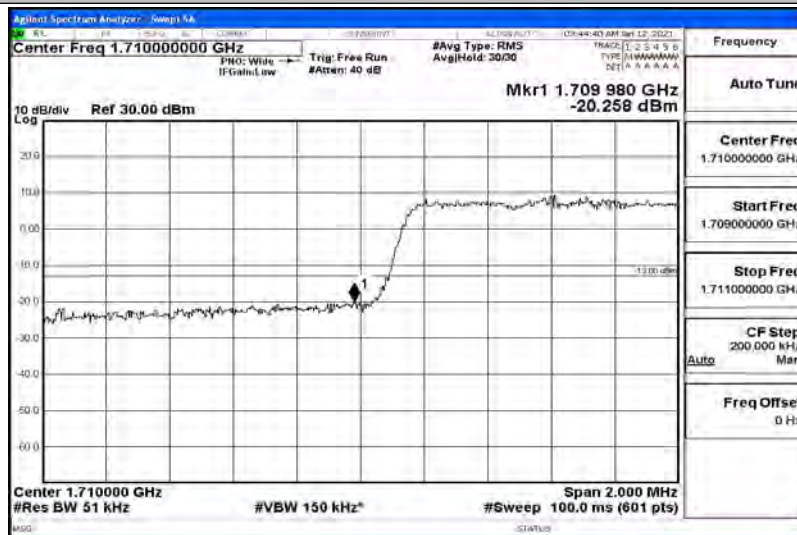
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



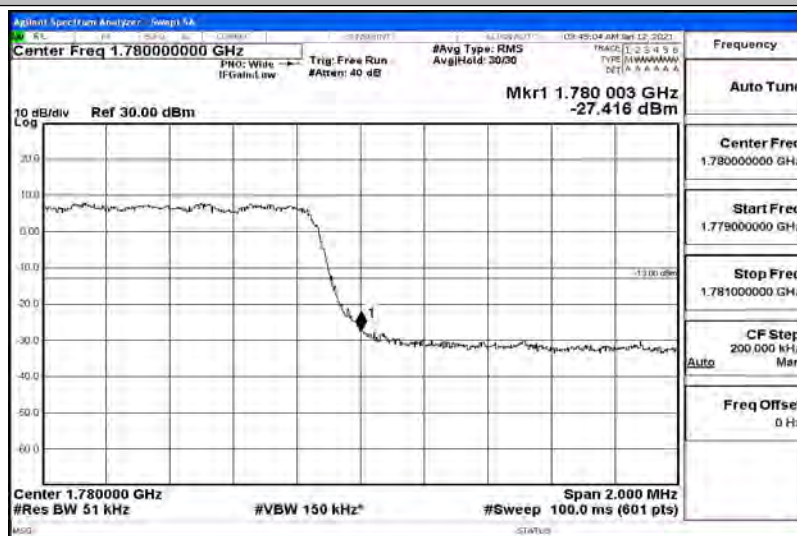
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



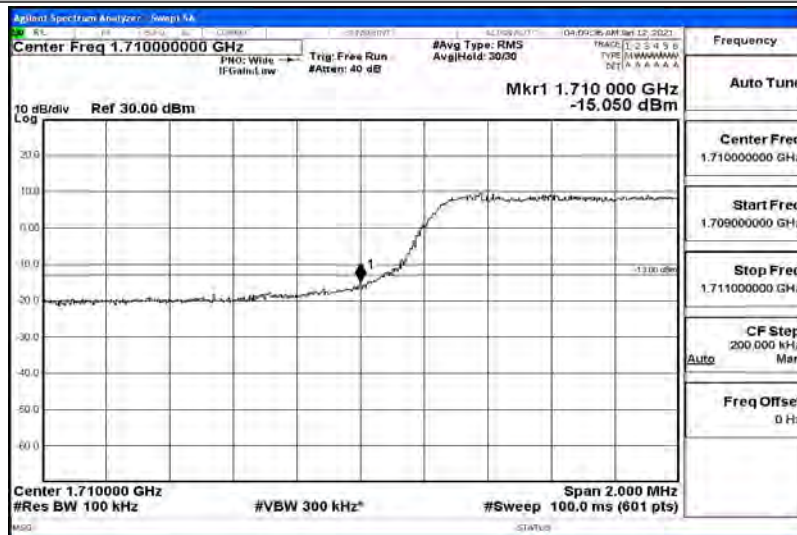
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



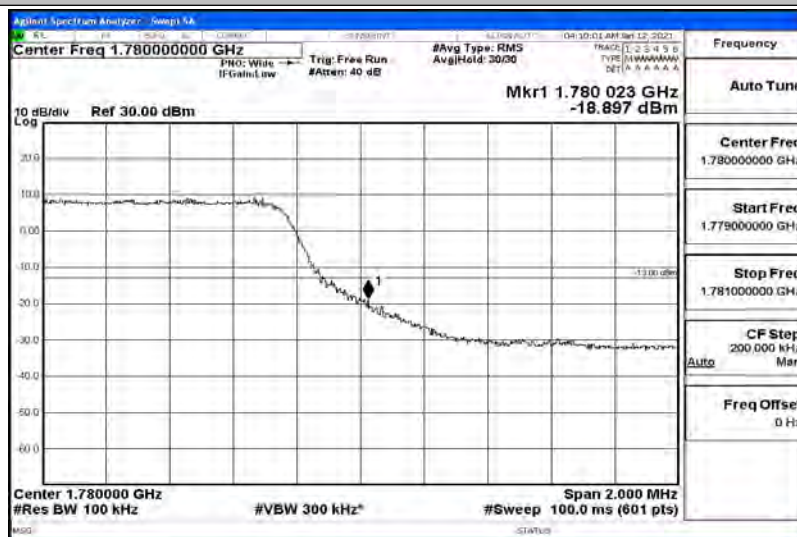
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



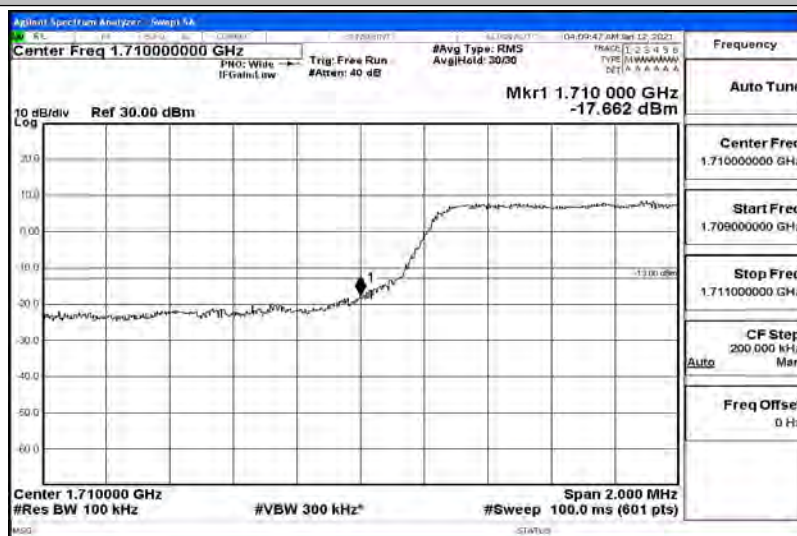
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



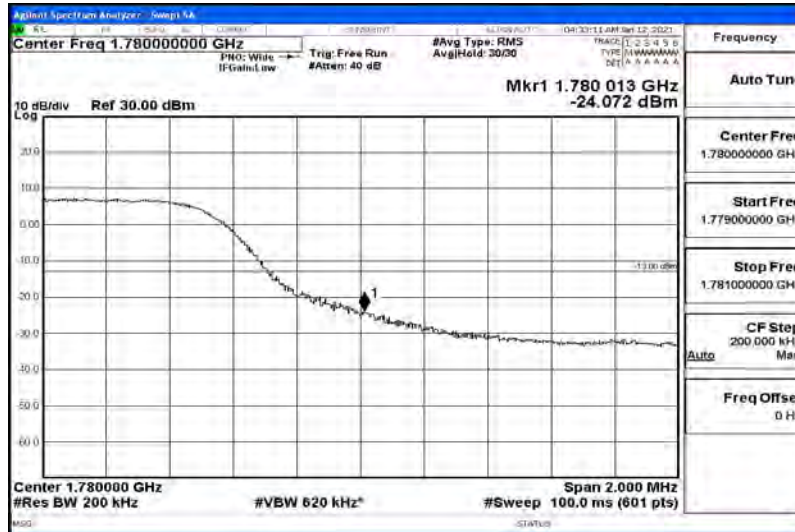
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



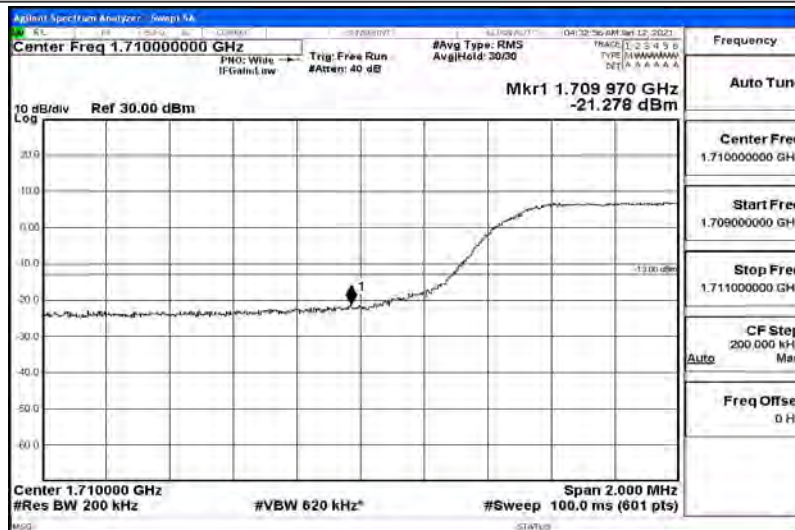
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



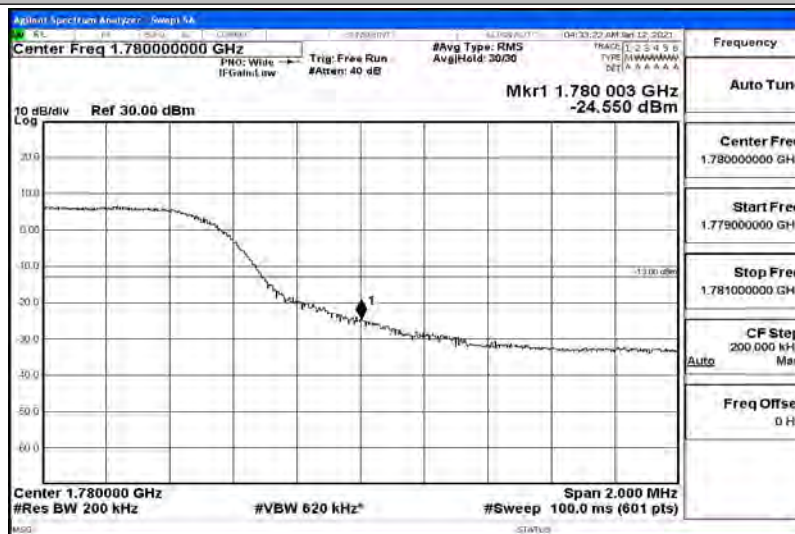
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



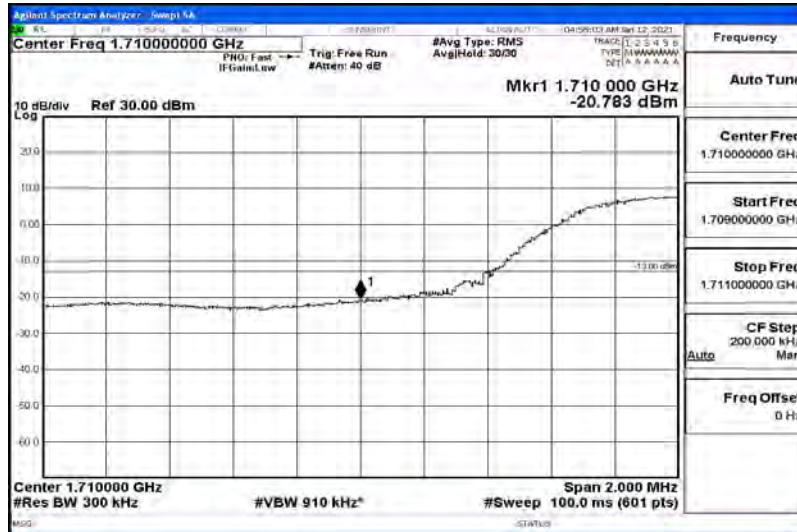
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



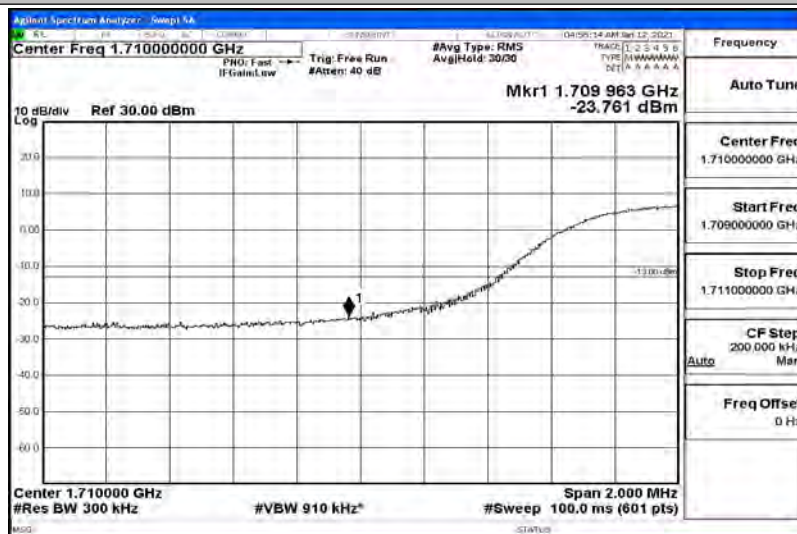
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



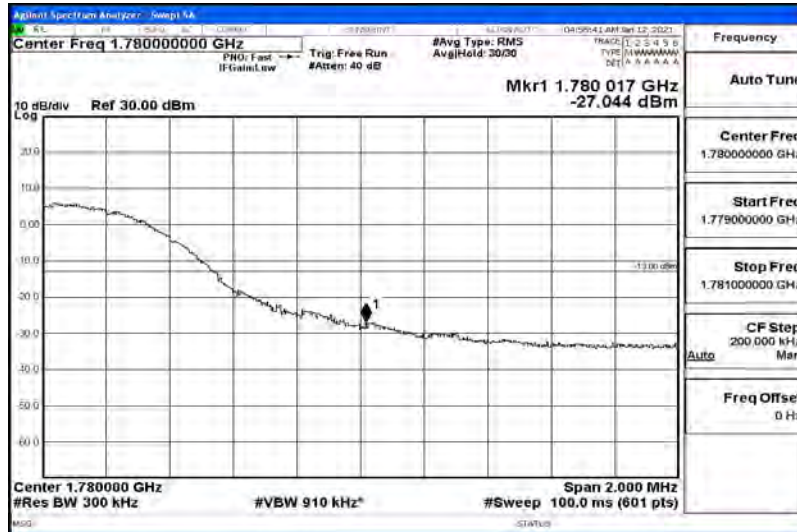
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



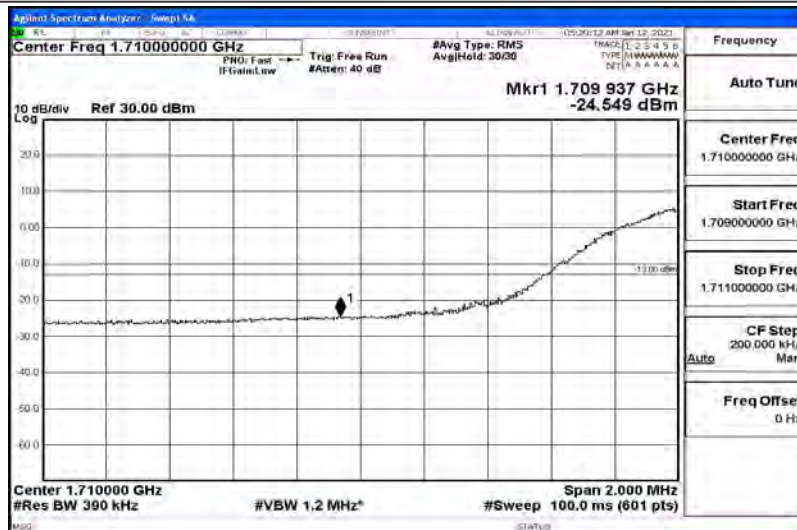
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



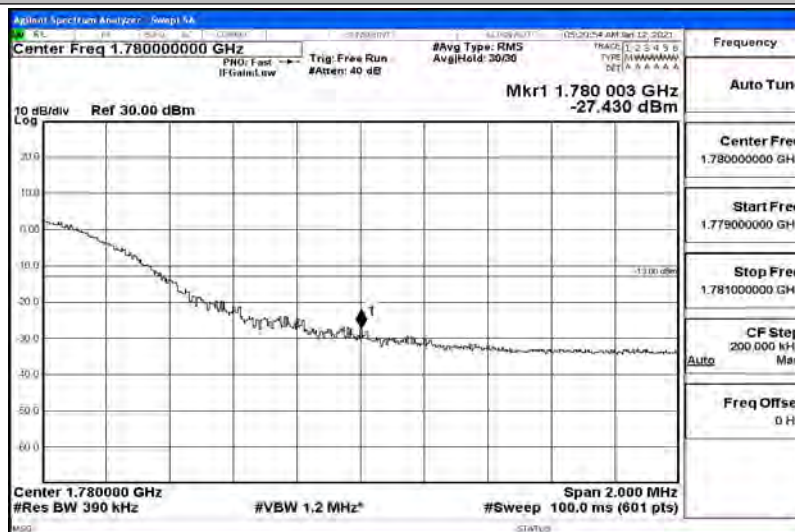
Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM



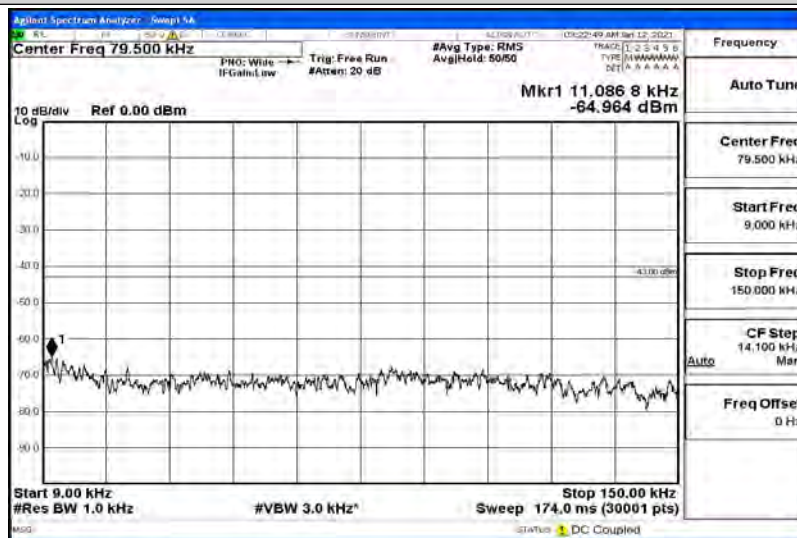
Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_16QAM



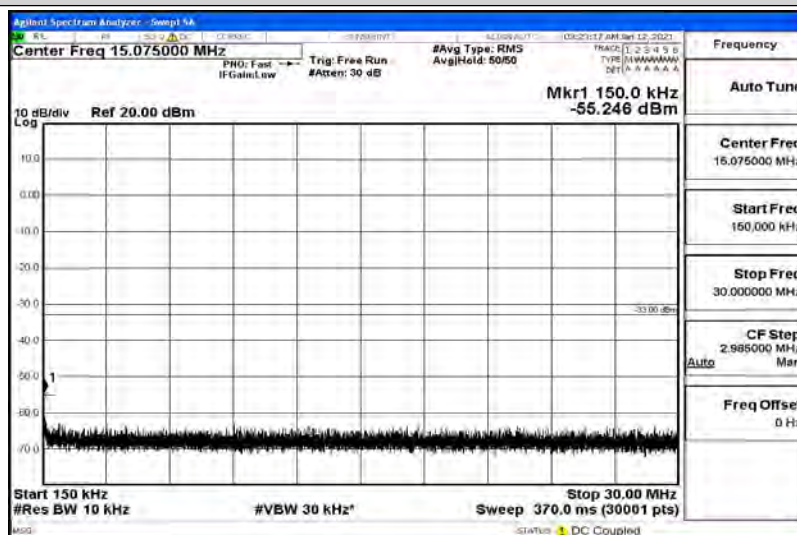
M.5 Conducted Spurious Emission

Test Graphs

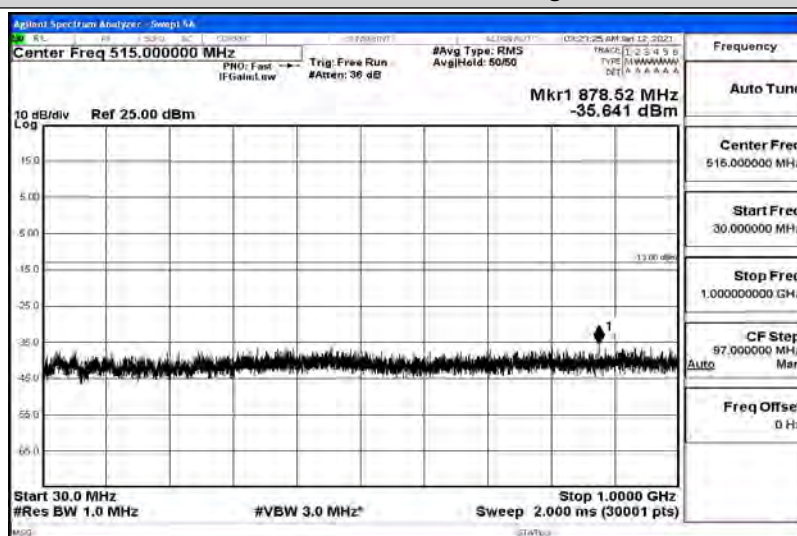
Band66-1.4MHz-QPSK-131979-1RB#0-Range1:0.009~0.15MHz



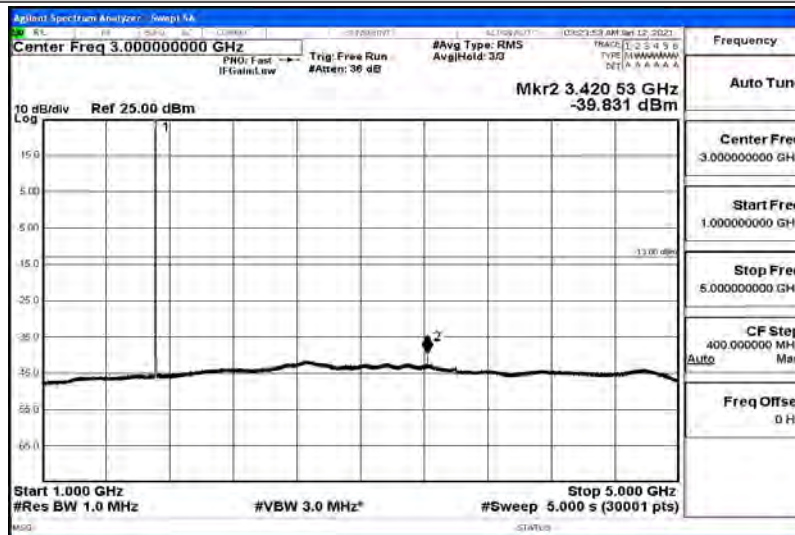
Band66-1.4MHz-QPSK-131979-1RB#0-Range2:0.15~30MHz



Band66-1.4MHz-QPSK-131979-1RB#0-Range3:30~1000MHz



Band66-1.4MHz-QPSK-131979-1RB#0-Range4:1000~5000MHz



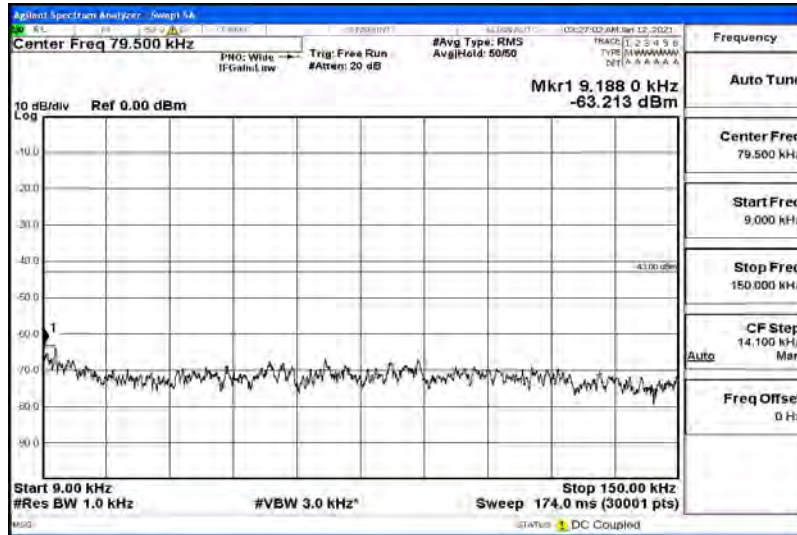
Band66-1.4MHz-QPSK-131979-1RB#0-Range5:5000~12000MHz



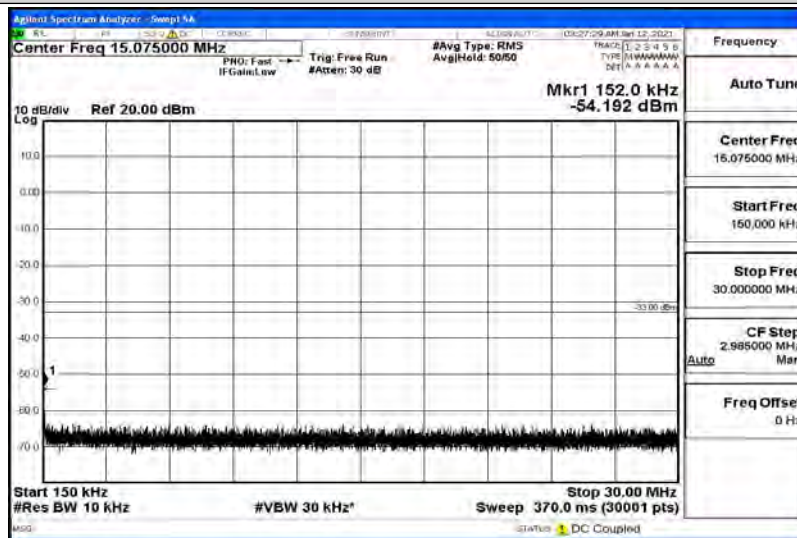
Band66-1.4MHz-QPSK-131979-1RB#0-Range6:12000~26500MHz



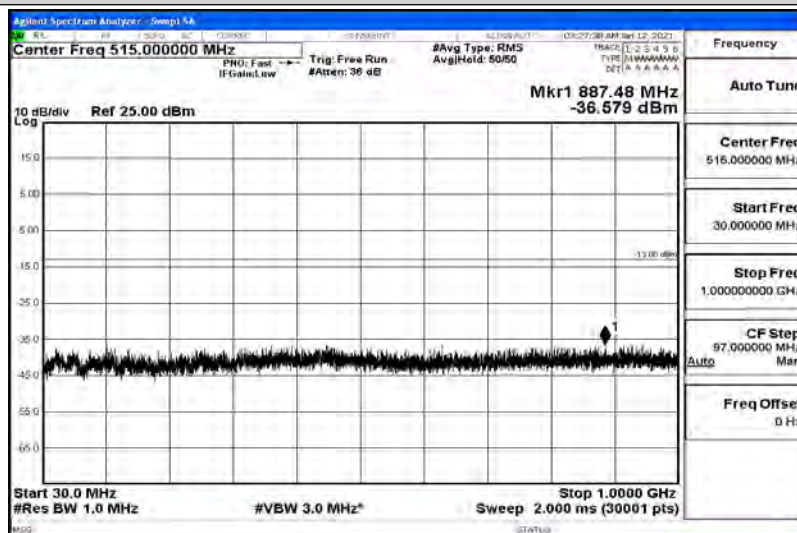
Band66-1.4MHz-QPSK-132322-1RB#0-Range1:0.009~0.15MHz



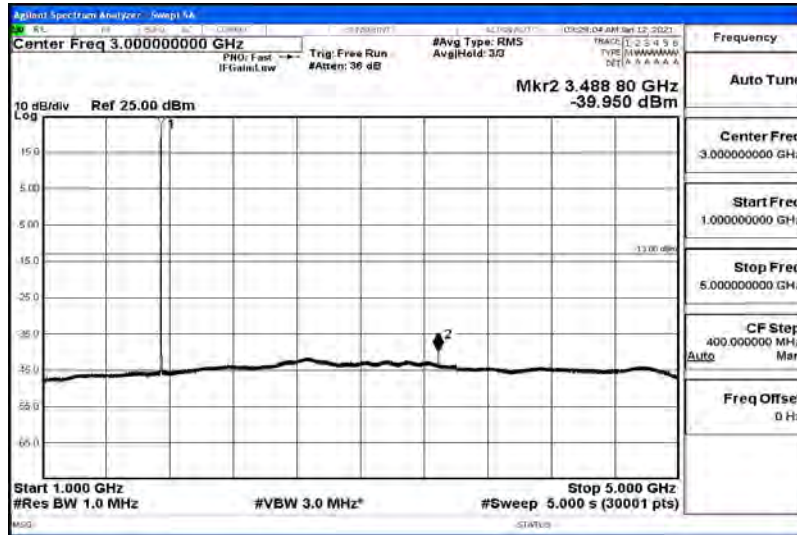
Band66-1.4MHz-QPSK-132322-1RB#0-Range2:0.15~30MHz



Band66-1.4MHz-QPSK-132322-1RB#0-Range3:30~1000MHz



Band66-1.4MHz-QPSK-132322-1RB#0-Range4:1000~5000MHz



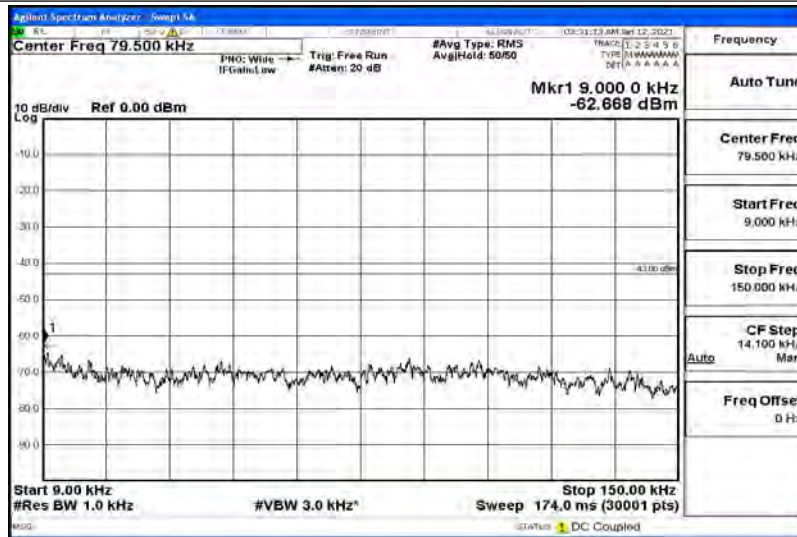
Band66-1.4MHz-QPSK-132322-1RB#0-Range5:5000~12000MHz



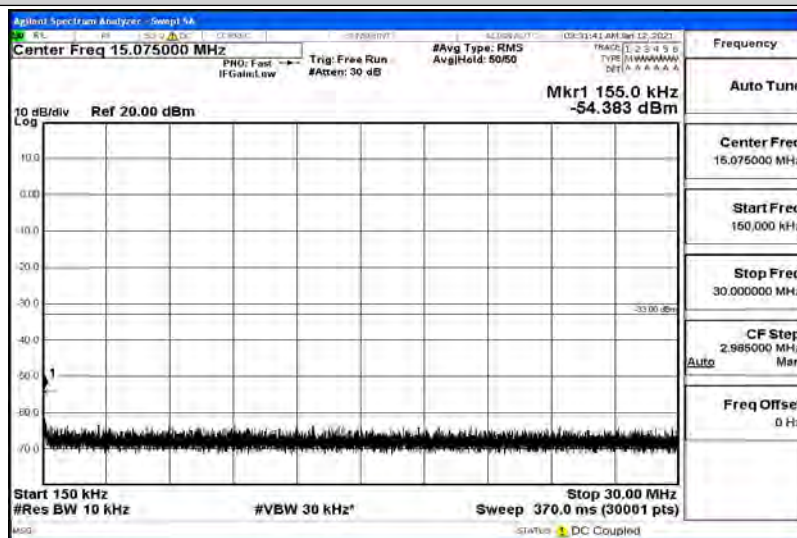
Band66-1.4MHz-QPSK-132322-1RB#0-Range6:12000~26500MHz



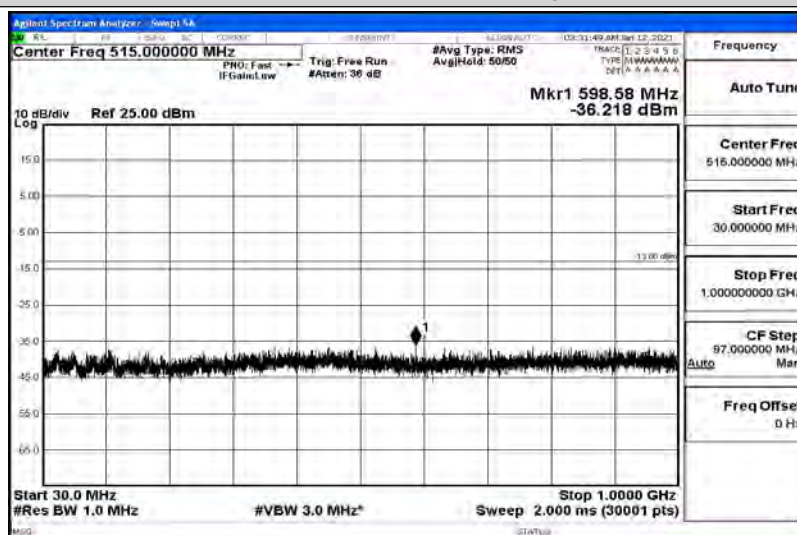
Band66-1.4MHz-QPSK-132665-1RB#0-Range1:0.009~0.15MHz



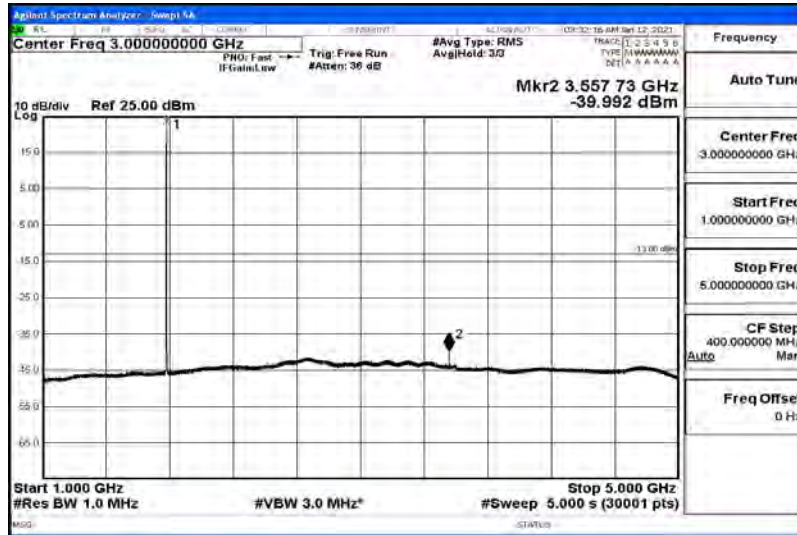
Band66-1.4MHz-QPSK-132665-1RB#0-Range2:0.15~30MHz



Band66-1.4MHz-QPSK-132665-1RB#0-Range3:30~1000MHz



Band66-1.4MHz-QPSK-132665-1RB#0-Range4:1000~5000MHz



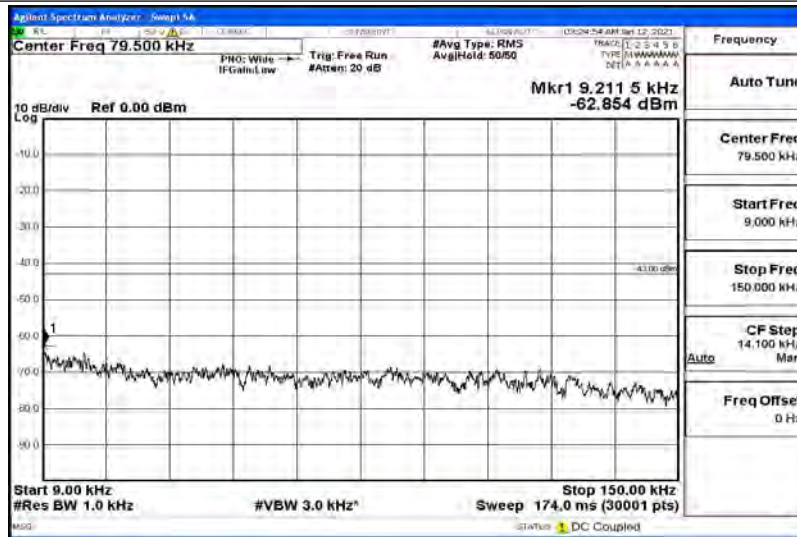
Band66-1.4MHz-QPSK-132665-1RB#0-Range5:5000~12000MHz



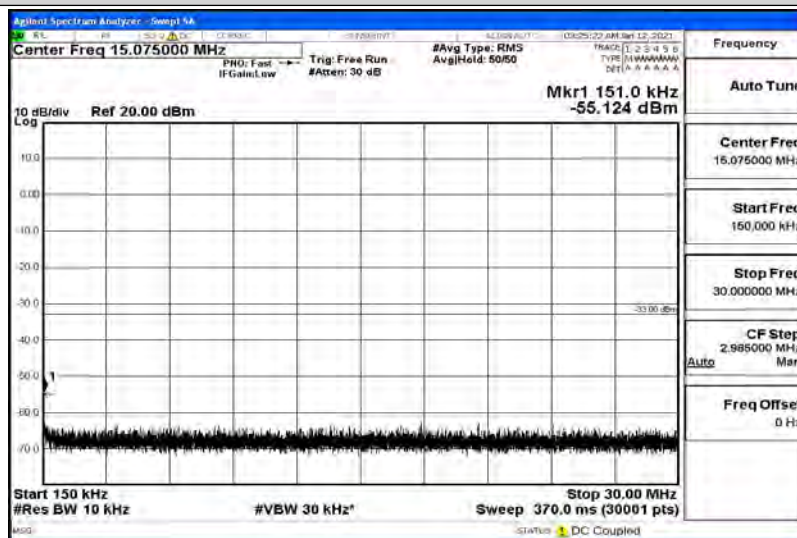
Band66-1.4MHz-QPSK-132665-1RB#0-Range6:12000~26500MHz



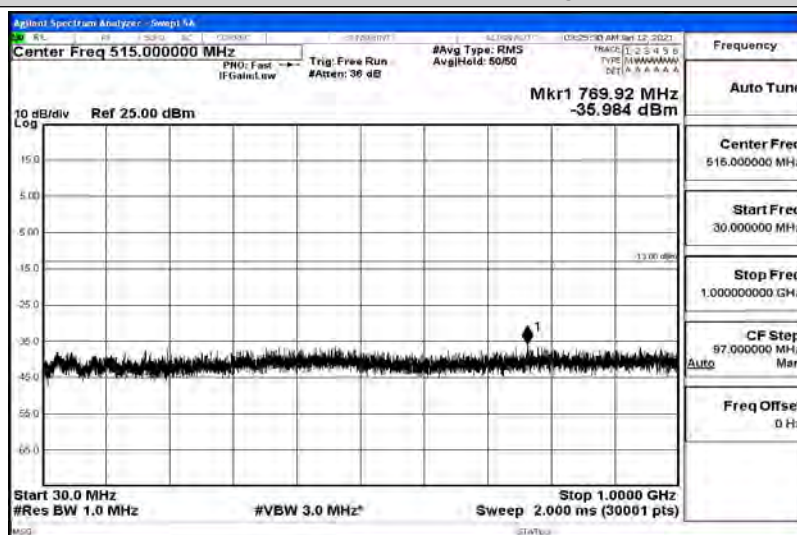
Band66-1.4MHz-16QAM-131979-1RB#0-Range1:0.009~0.15MHz



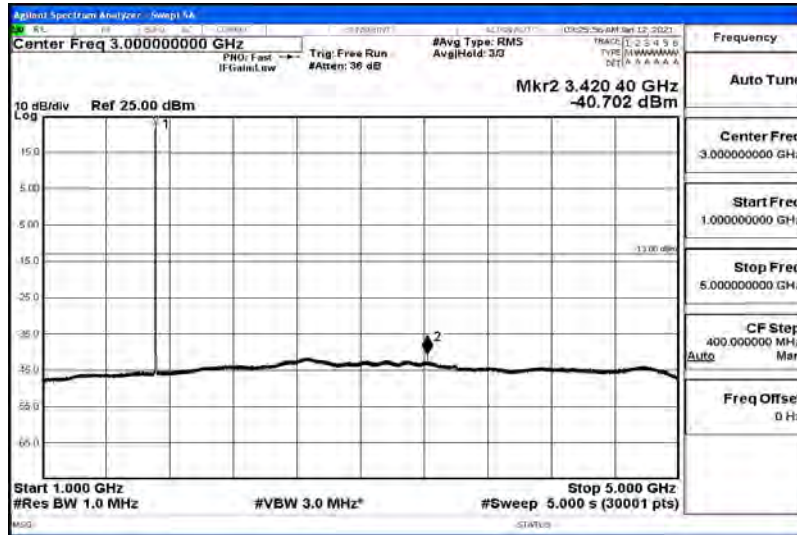
Band66-1.4MHz-16QAM-131979-1RB#0-Range2:0.15~30MHz



Band66-1.4MHz-16QAM-131979-1RB#0-Range3:30~1000MHz



Band66-1.4MHz-16QAM-131979-1RB#0-Range4:1000~5000MHz



Band66-1.4MHz-16QAM-131979-1RB#0-Range5:5000~12000MHz



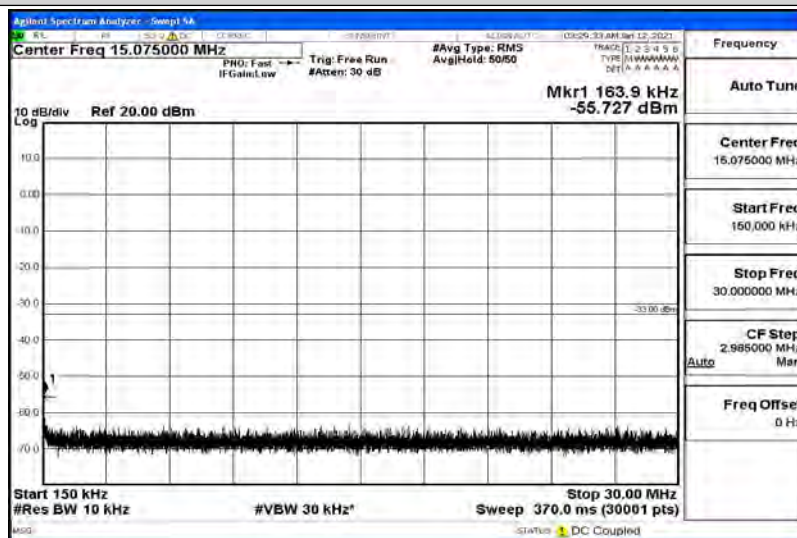
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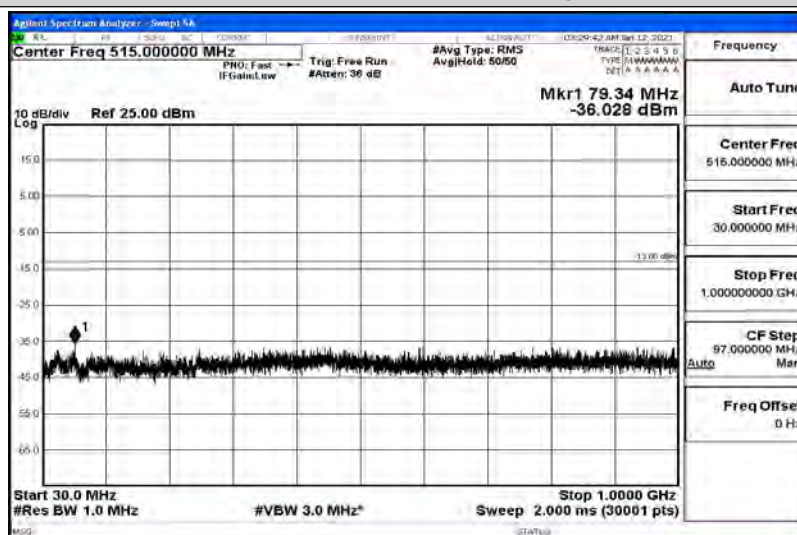
Band66-1.4MHz-16QAM-132322-1RB#0-Range1:0.009~0.15MHz



Band66-1.4MHz-16QAM-132322-1RB#0-Range2:0.15~30MHz



Band66-1.4MHz-16QAM-132322-1RB#0-Range3:30~1000MHz



Band66-1.4MHz-16QAM-132322-1RB#0-Range4:1000~5000MHz



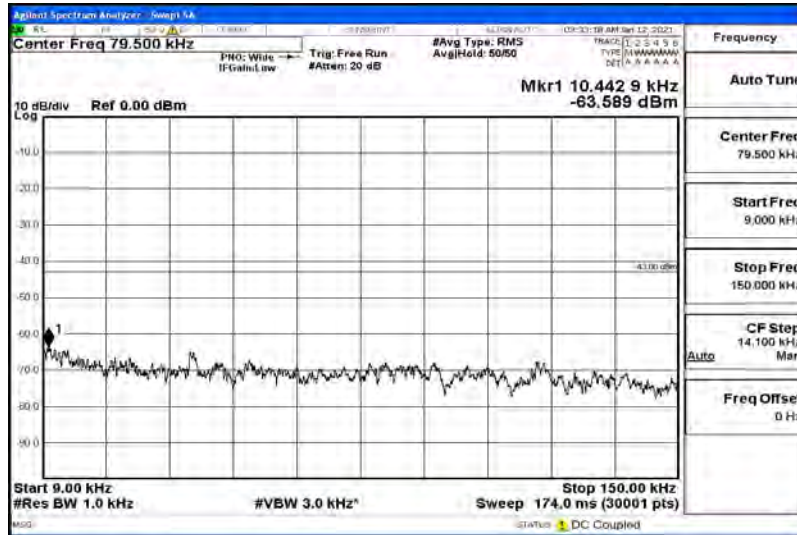
Band66-1.4MHz-16QAM-132322-1RB#0-Range5:5000~12000MHz



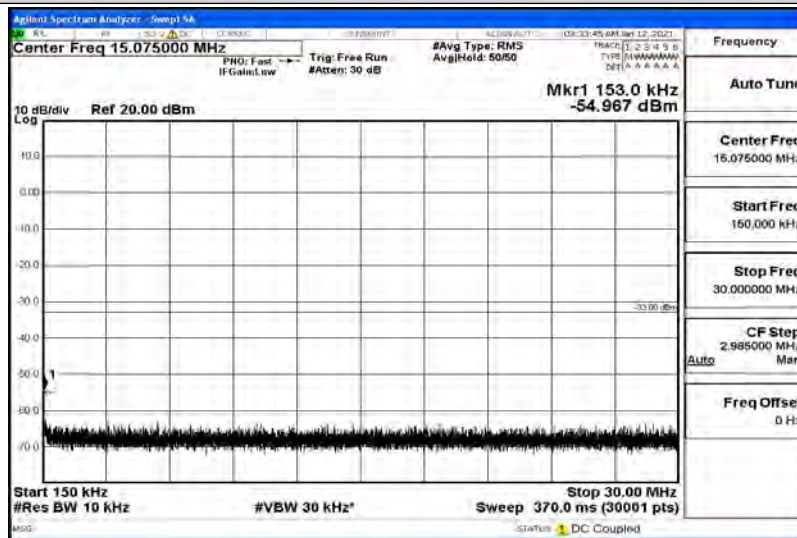
Band66-1.4MHz-16QAM-132322-1RB#0-Range6:12000~26500MHz



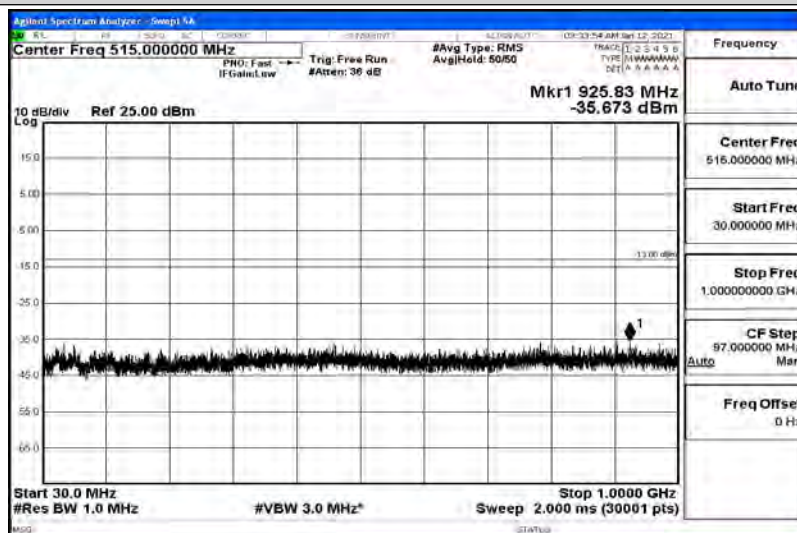
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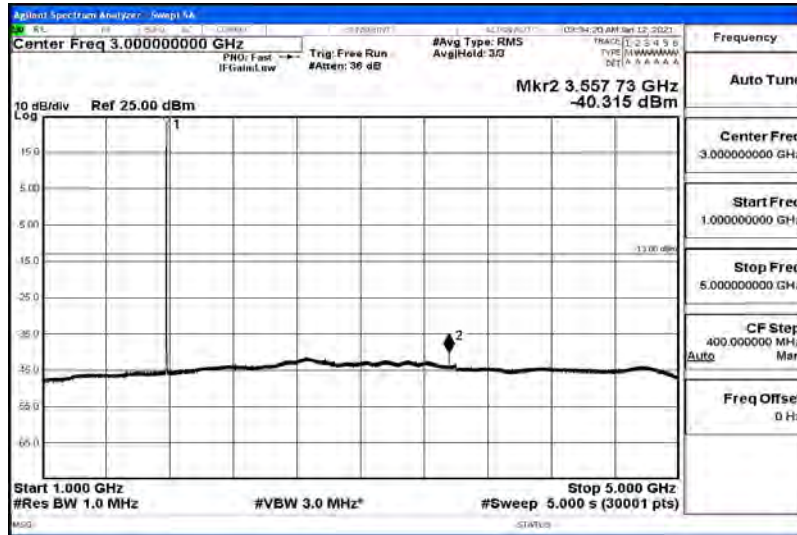
Band66-1.4MHz-16QAM-132665-1RB#0-Range2:0.15~30MHz



Band66-1.4MHz-16QAM-132665-1RB#0-Range3:30~1000MHz



Band66-1.4MHz-16QAM-132665-1RB#0-Range4:1000~5000MHz



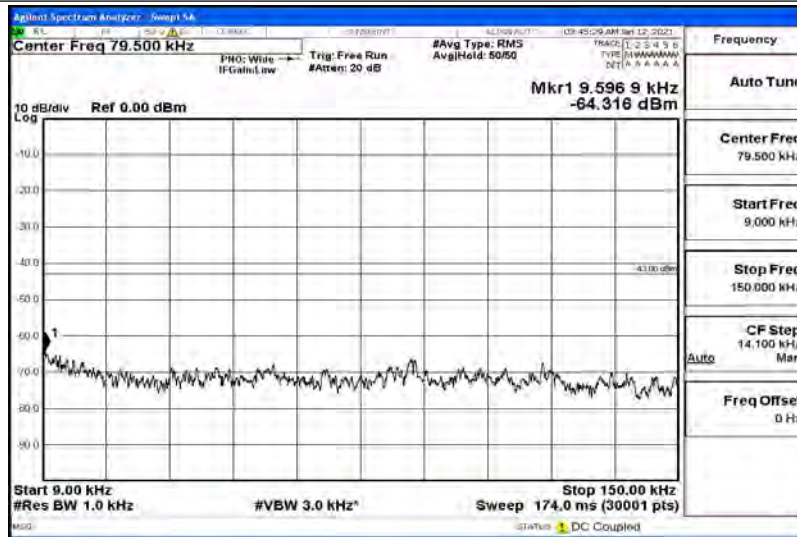
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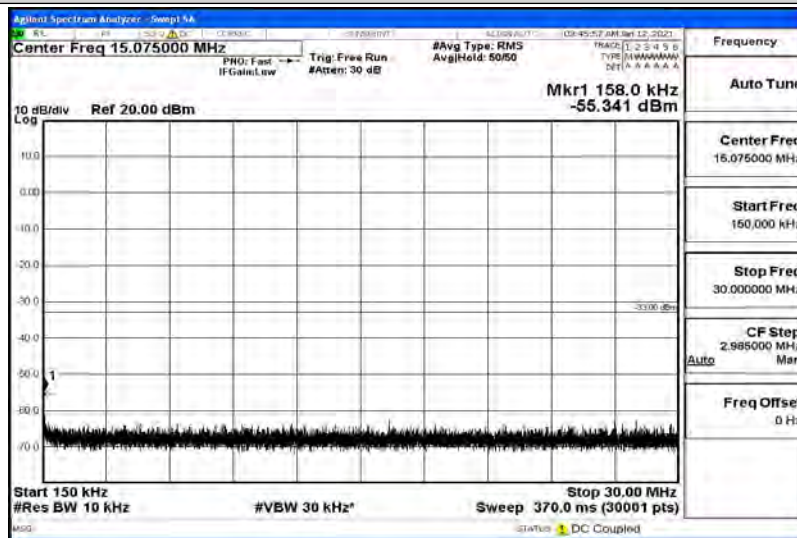
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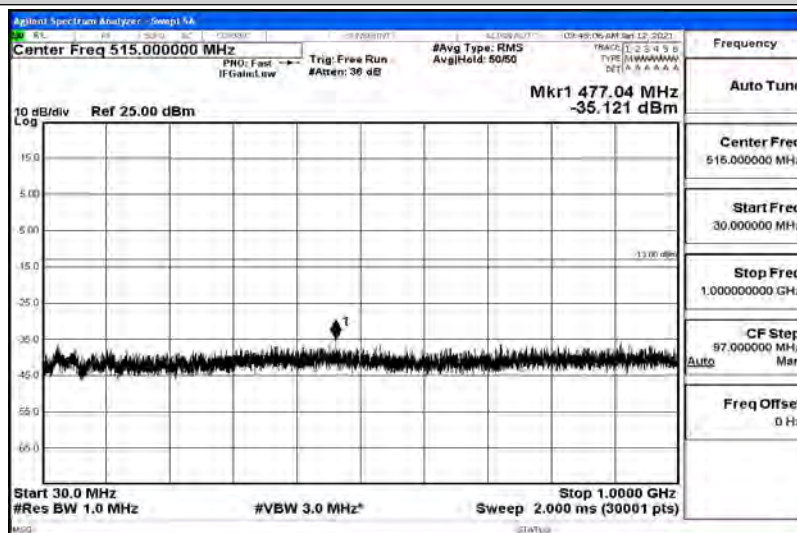
Band66-3MHz-QPSK-131987-1RB#0-Range1:0.009~0.15MHz



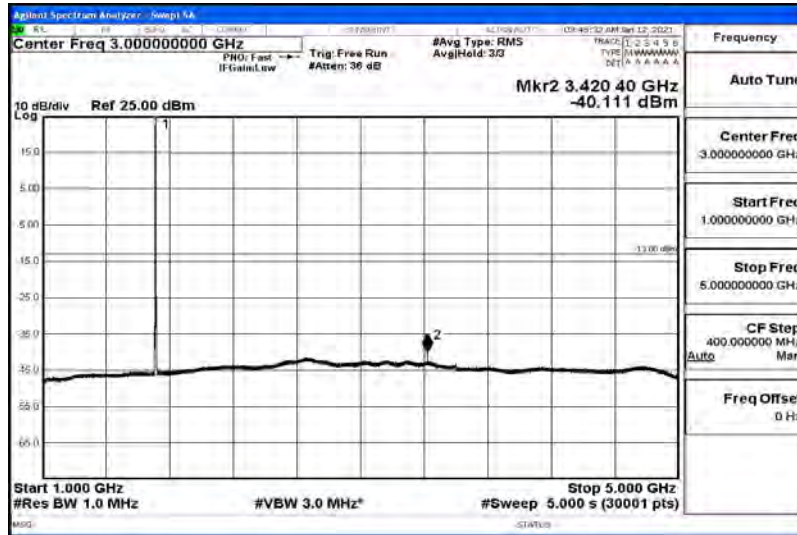
Band66-3MHz-QPSK-131987-1RB#0-Range2:0.15~30MHz



Band66-3MHz-QPSK-131987-1RB#0-Range3:30~1000MHz



Band66-3MHz-QPSK-131987-1RB#0-Range4:1000~5000MHz



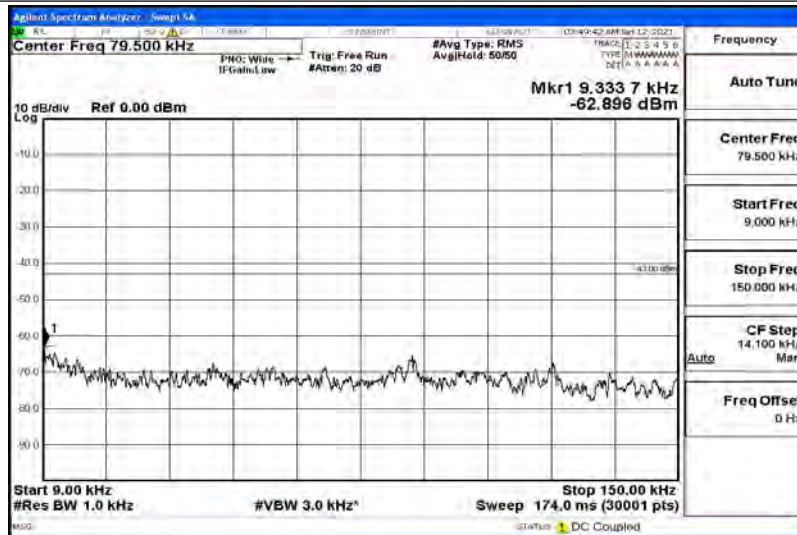
Band66-3MHz-QPSK-131987-1RB#0-Range5:5000~12000MHz



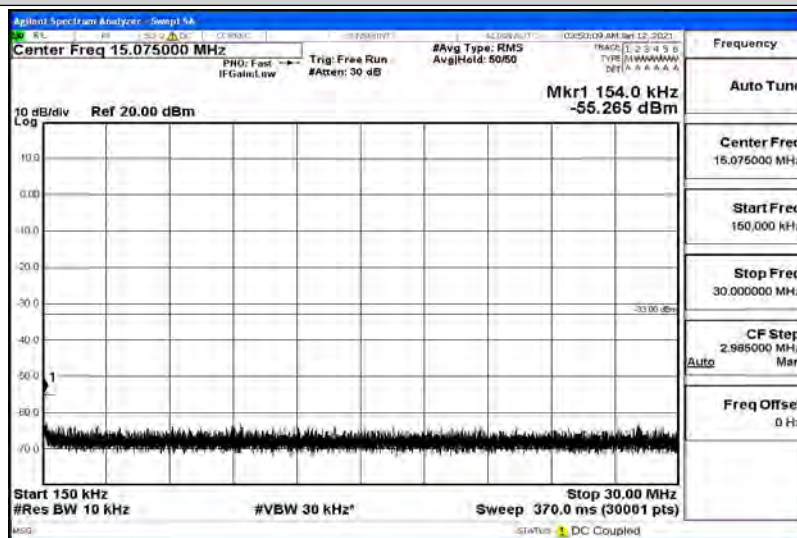
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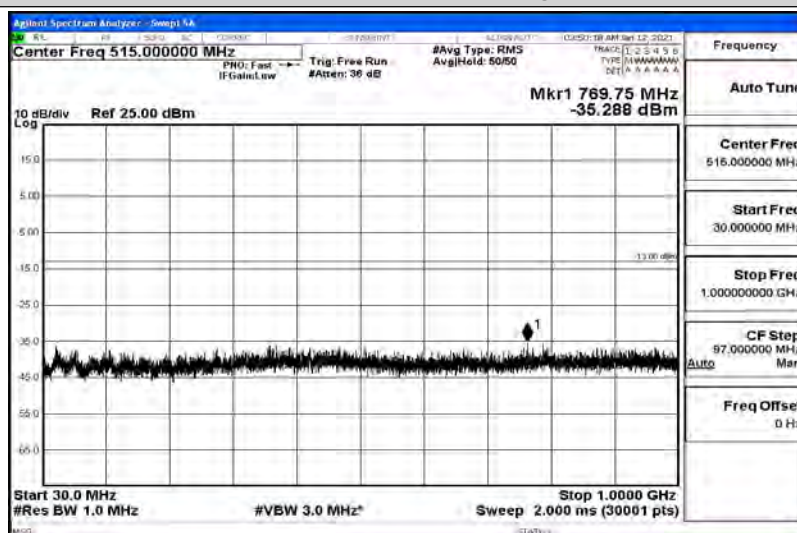
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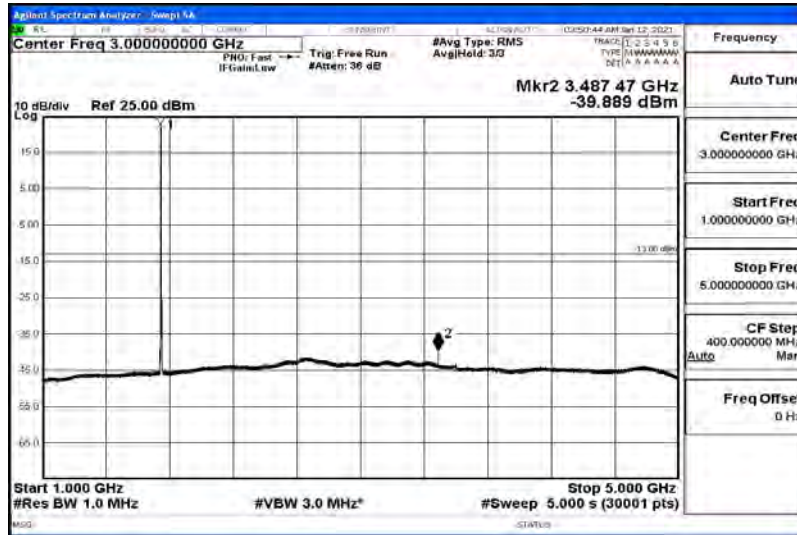
Band66-3MHz-QPSK-132322-1RB#0-Range2:0.15~30MHz



Band66-3MHz-QPSK-132322-1RB#0-Range3:30~1000MHz



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Band66-3MHz-QPSK-132322-1RB#0-Range5:5000~12000MHz



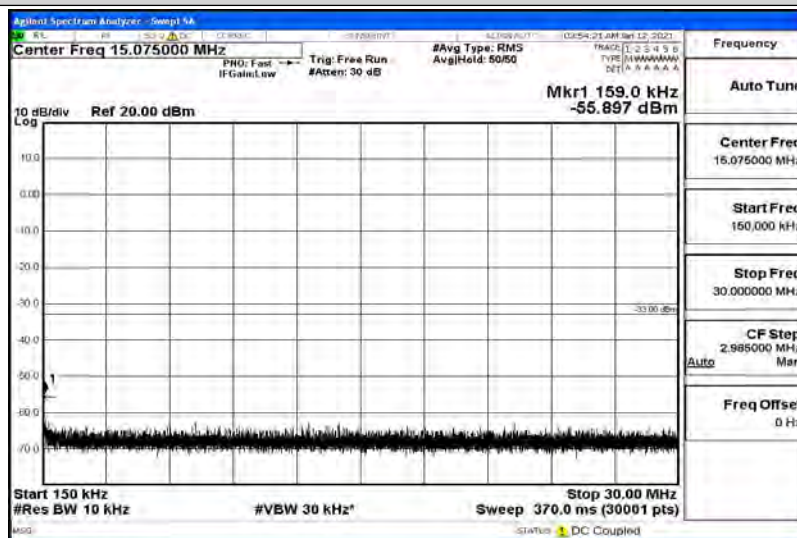
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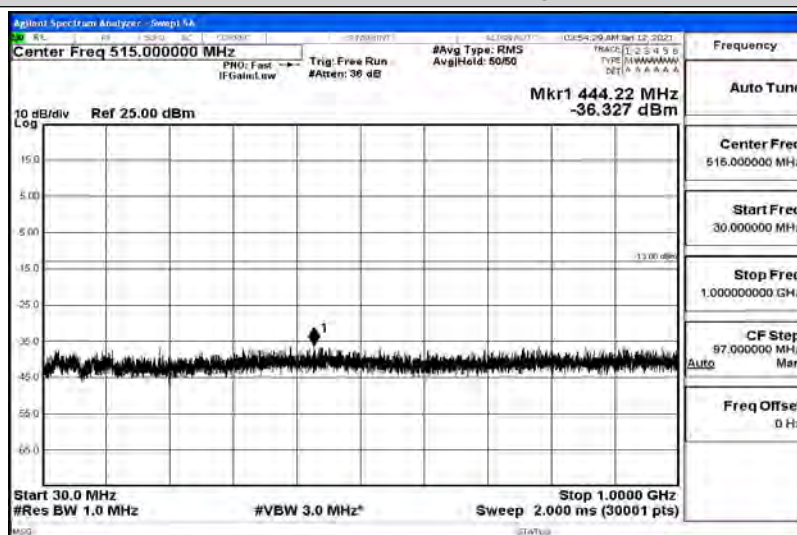
Band66-3MHz-QPSK-132657-1RB#0-Range1:0.009~0.15MHz



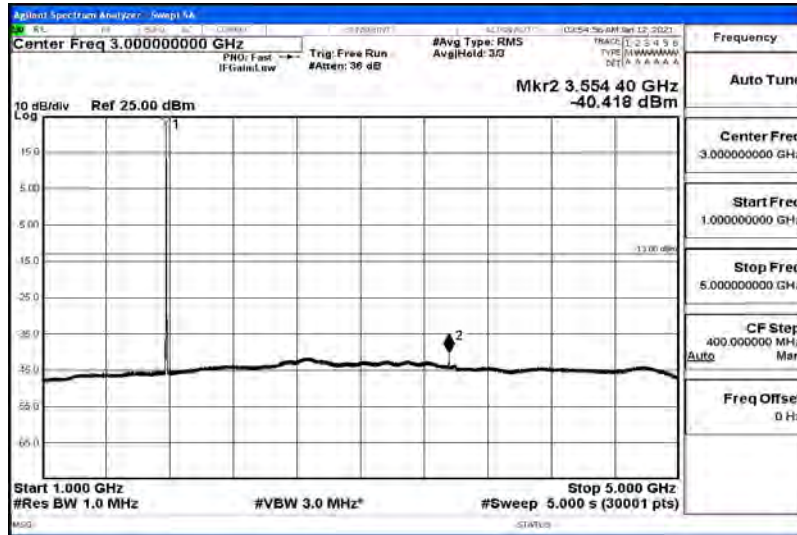
Band66-3MHz-QPSK-132657-1RB#0-Range2:0.15~30MHz



Band66-3MHz-QPSK-132657-1RB#0-Range3:30~1000MHz



Band66-3MHz-QPSK-132657-1RB#0-Range4:1000~5000MHz



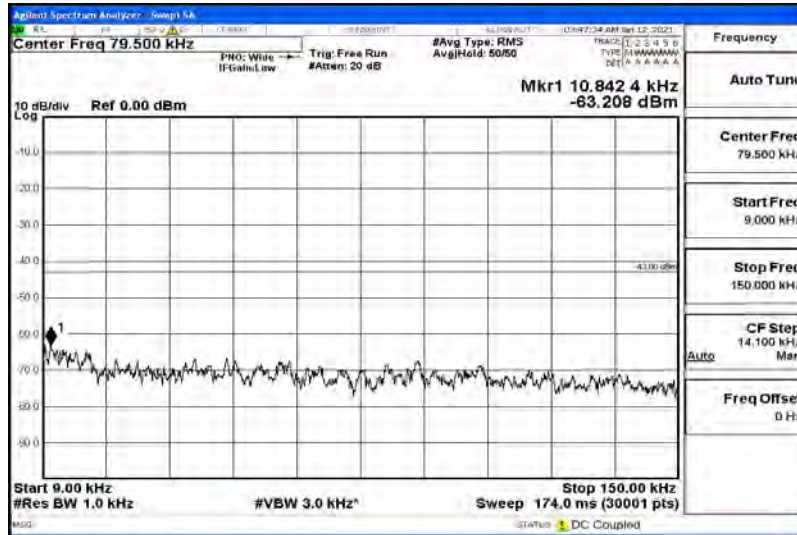
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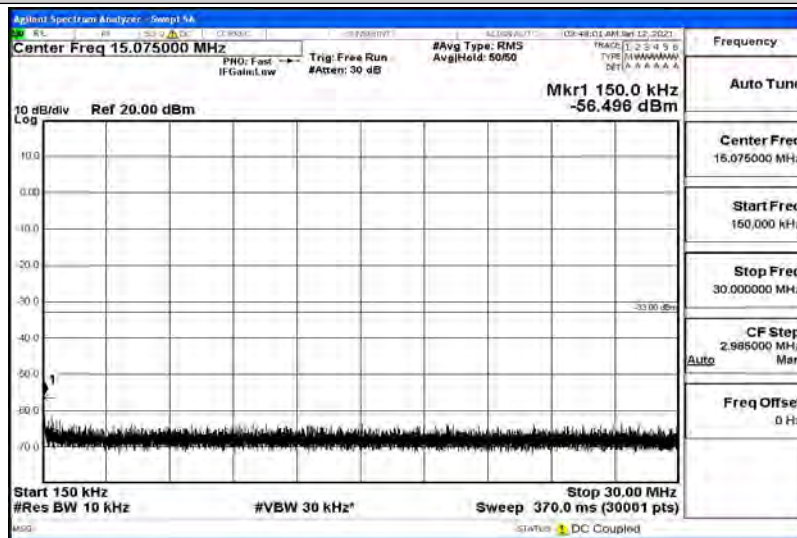
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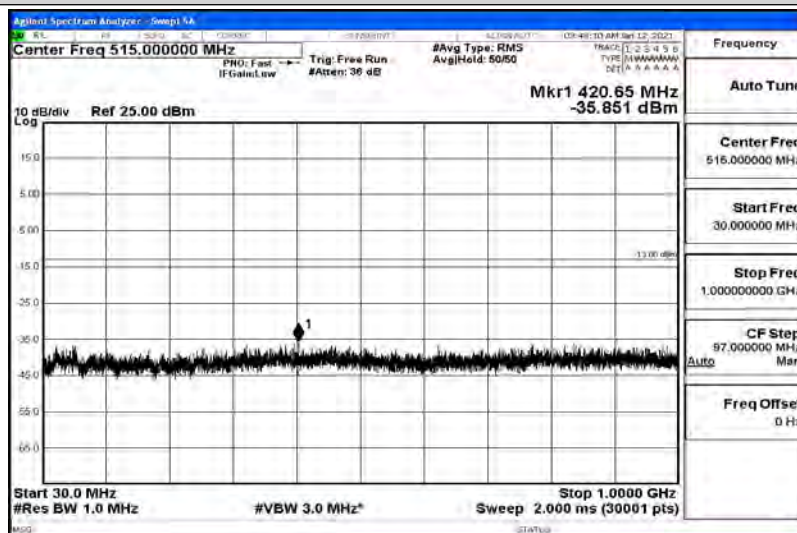
Band66-3MHz-16QAM-131987-1RB#0-Range1:0.009~0.15MHz



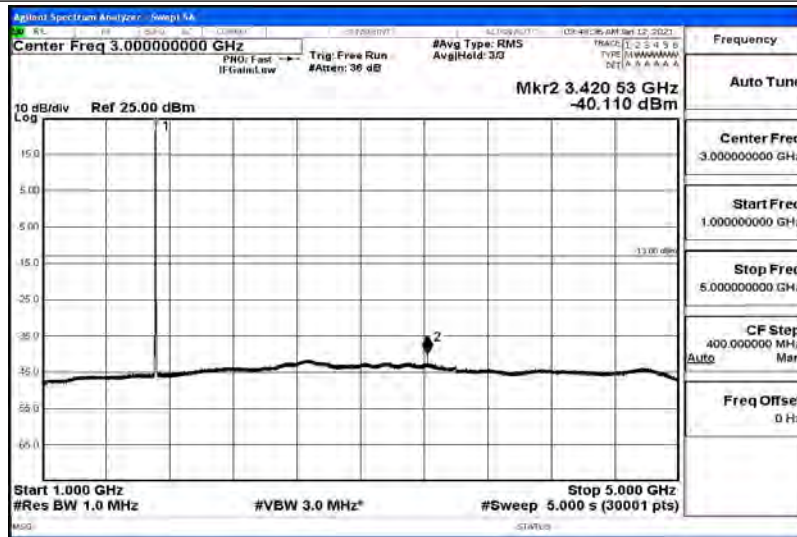
Band66-3MHz-16QAM-131987-1RB#0-Range2:0.15~30MHz



Band66-3MHz-16QAM-131987-1RB#0-Range3:30~1000MHz



Band66-3MHz-16QAM-131987-1RB#0-Range4:1000~5000MHz



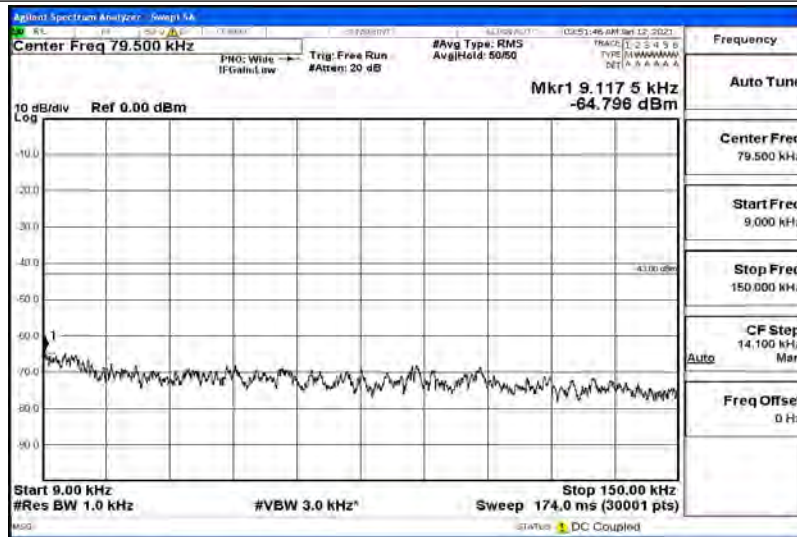
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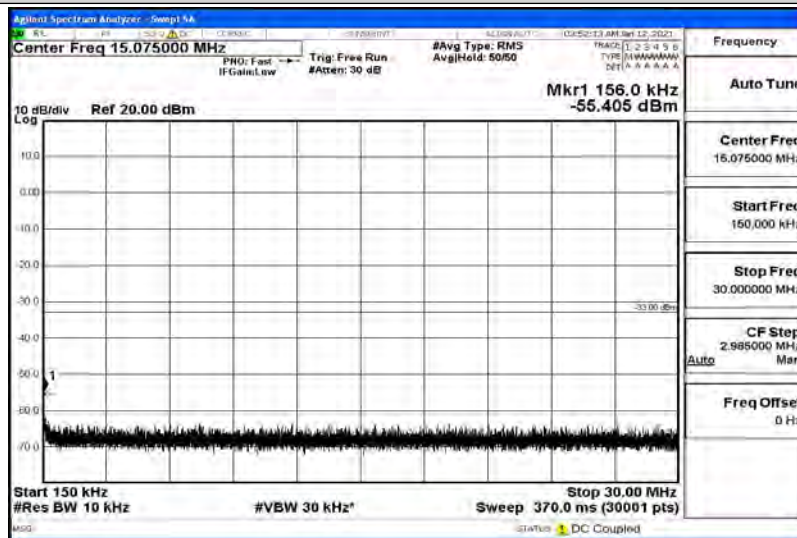
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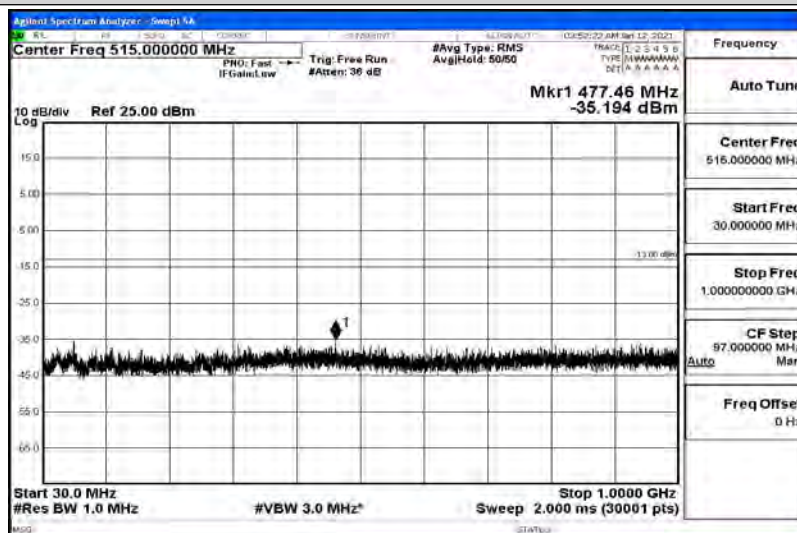
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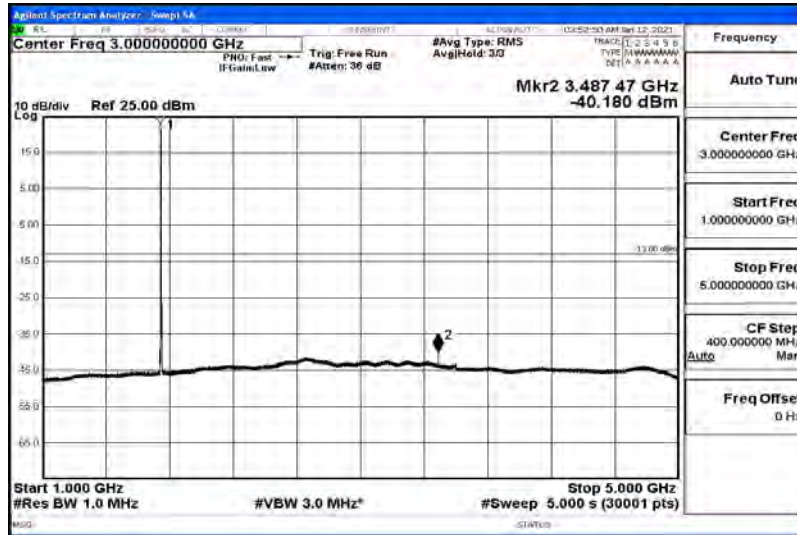
Band66-3MHz-16QAM-132322-1RB#0-Range2:0.15~30MHz



Band66-3MHz-16QAM-132322-1RB#0-Range3:30~1000MHz



Band66-3MHz-16QAM-132322-1RB#0-Range4:1000~5000MHz



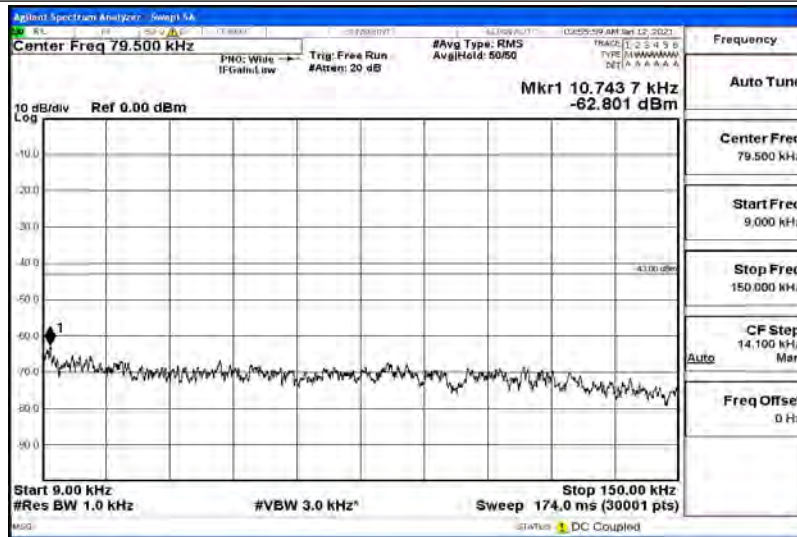
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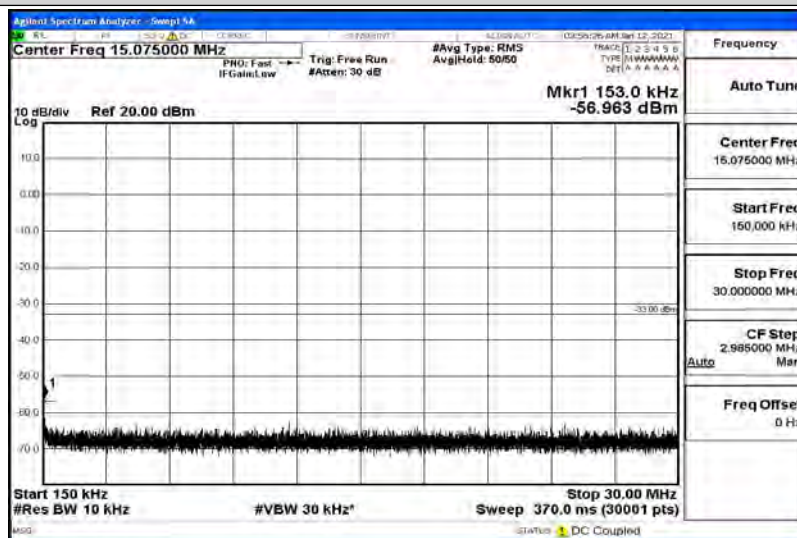
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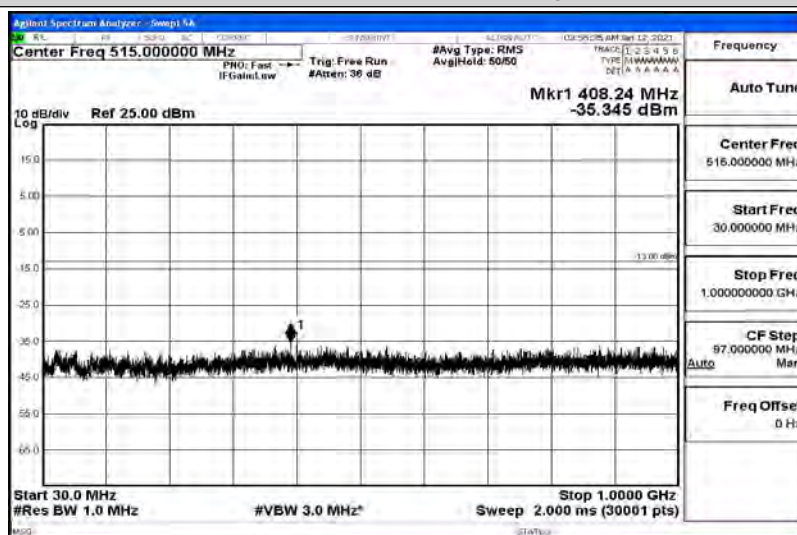
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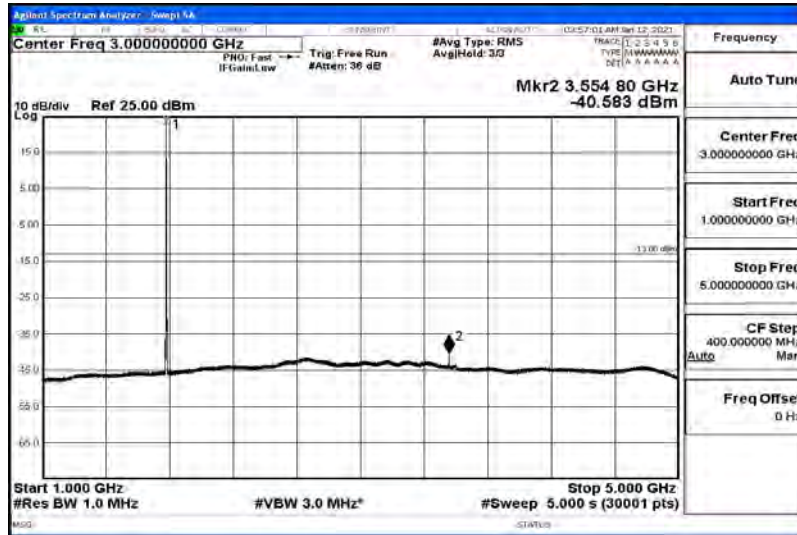
Band66-3MHz-16QAM-132657-1RB#0-Range2:0.15~30MHz



Band66-3MHz-16QAM-132657-1RB#0-Range3:30~1000MHz



Band66-3MHz-16QAM-132657-1RB#0-Range4:1000~5000MHz



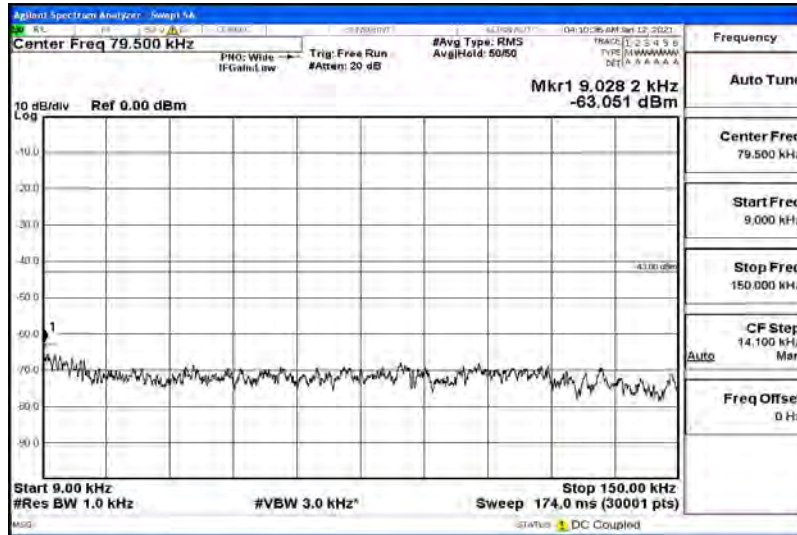
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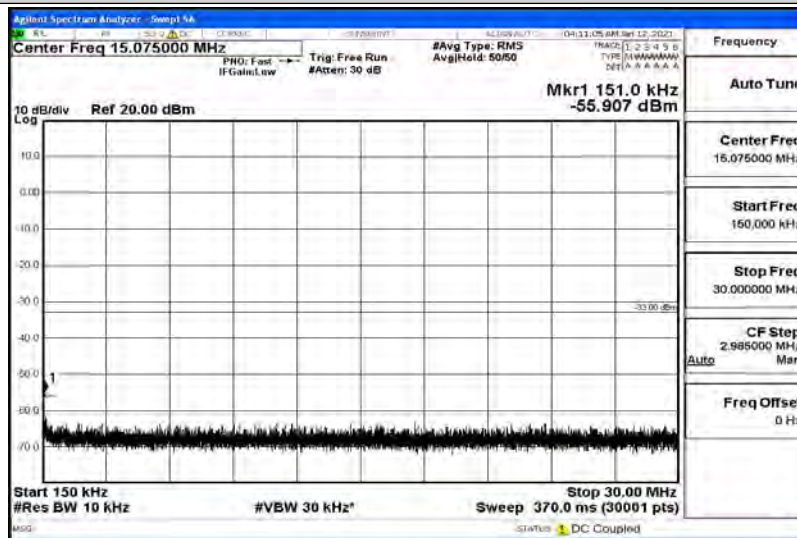
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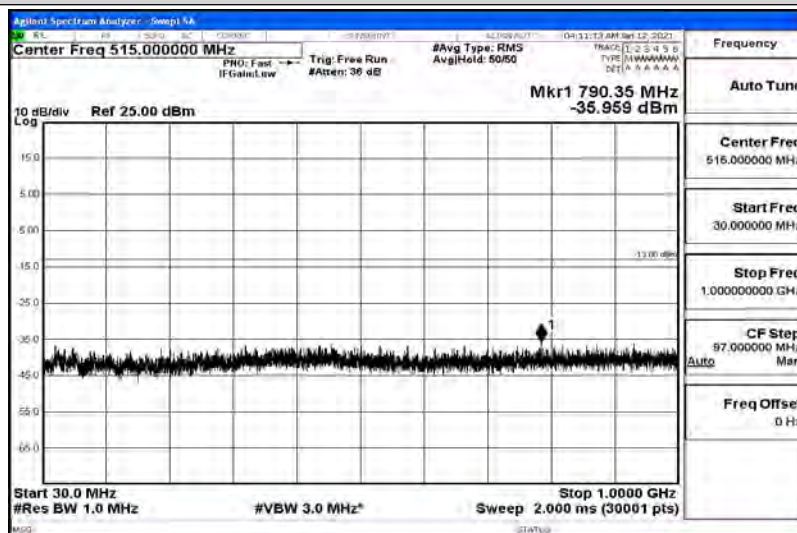
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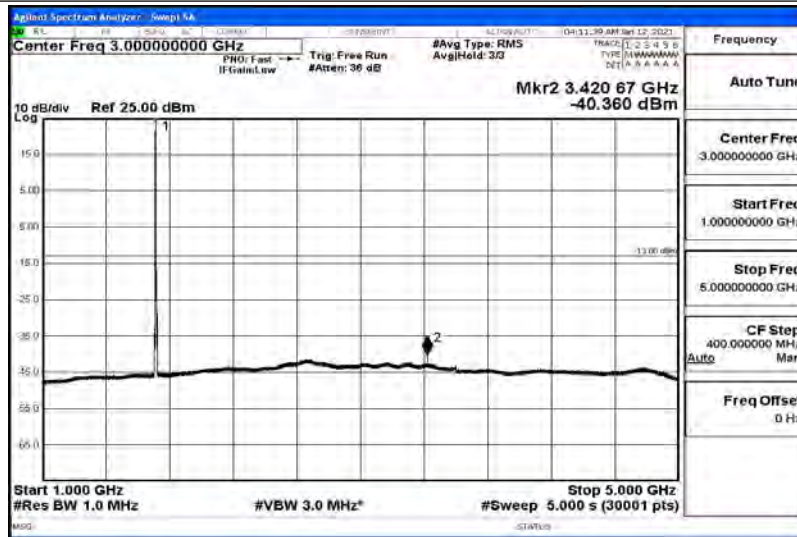
Band66-5MHz-QPSK-131997-1RB#0-Range2:0.15~30MHz



Band66-5MHz-QPSK-131997-1RB#0-Range3:30~1000MHz



Band66-5MHz-QPSK-131997-1RB#0-Range4:1000~5000MHz



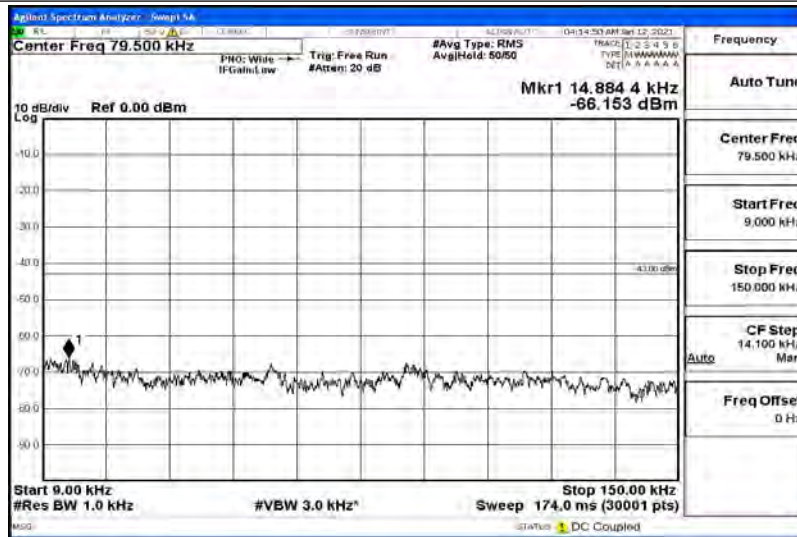
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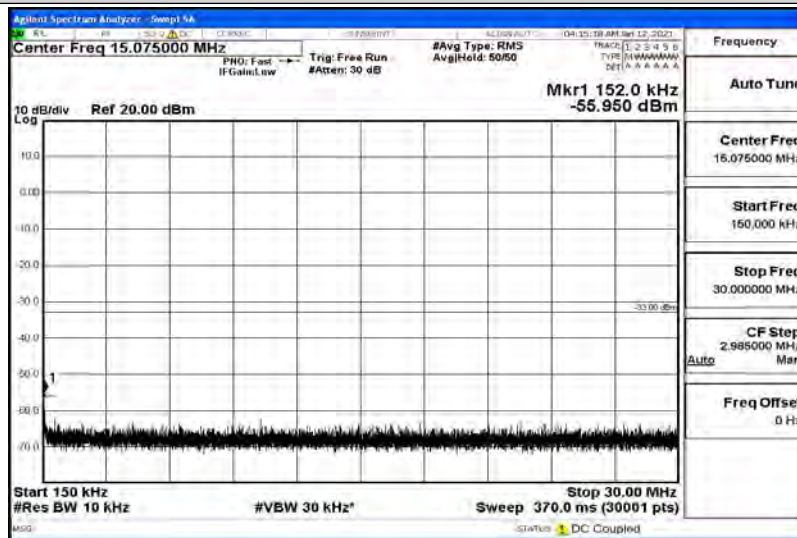
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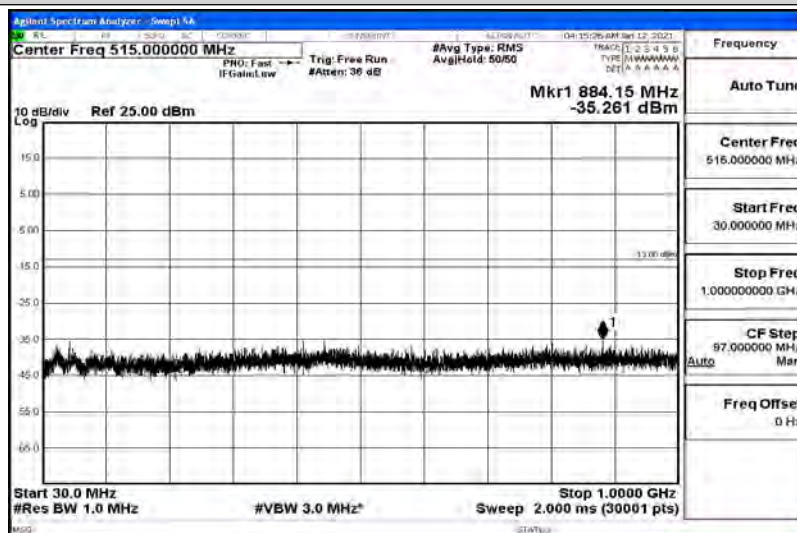
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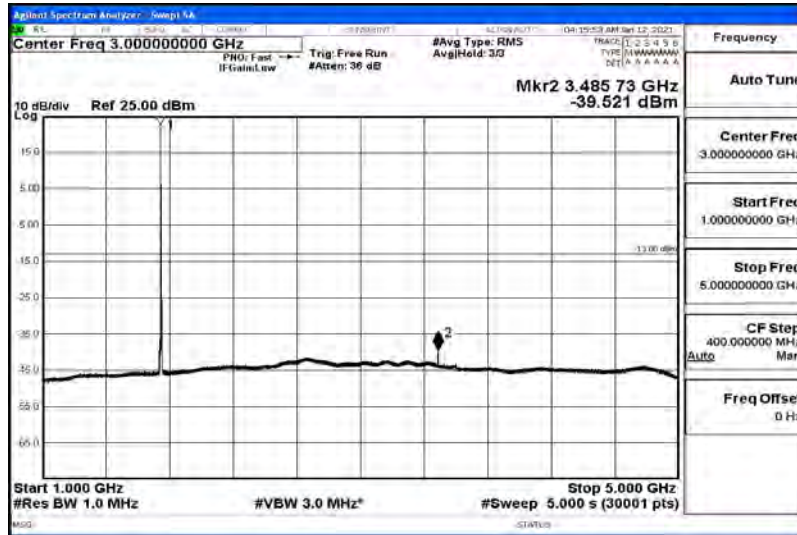
Band66-5MHz-QPSK-132322-1RB#0-Range2:0.15~30MHz



Band66-5MHz-QPSK-132322-1RB#0-Range3:30~1000MHz



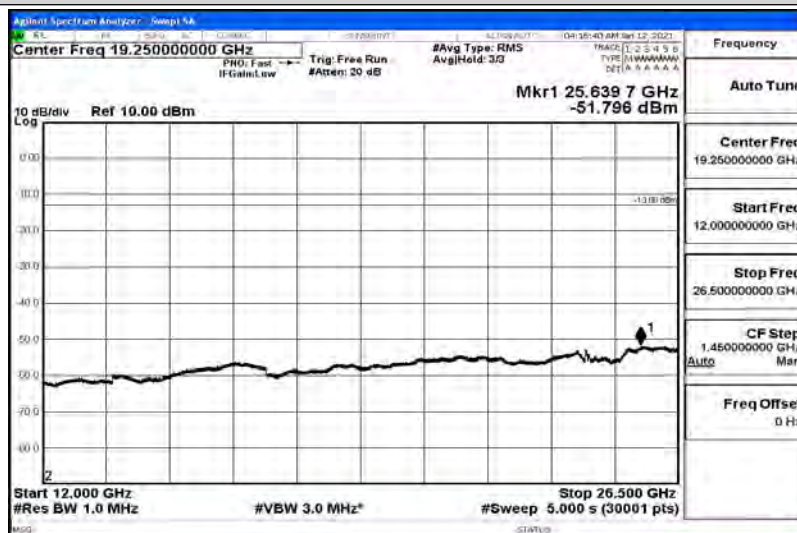
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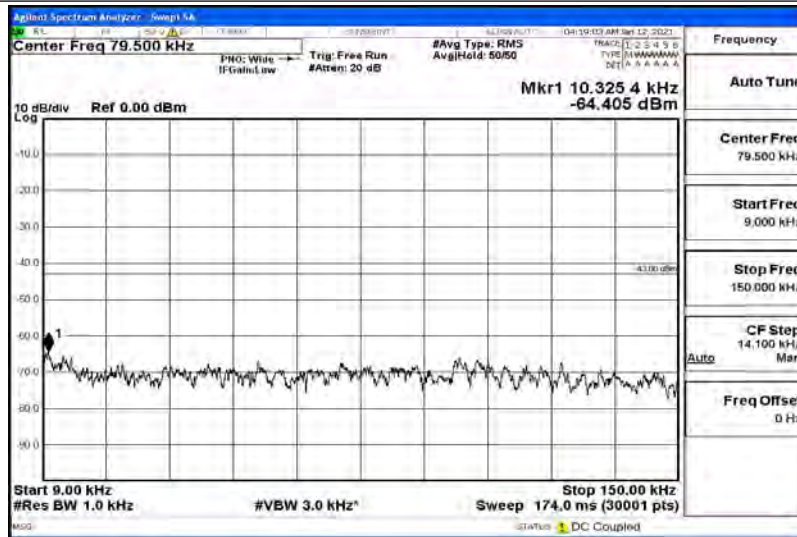
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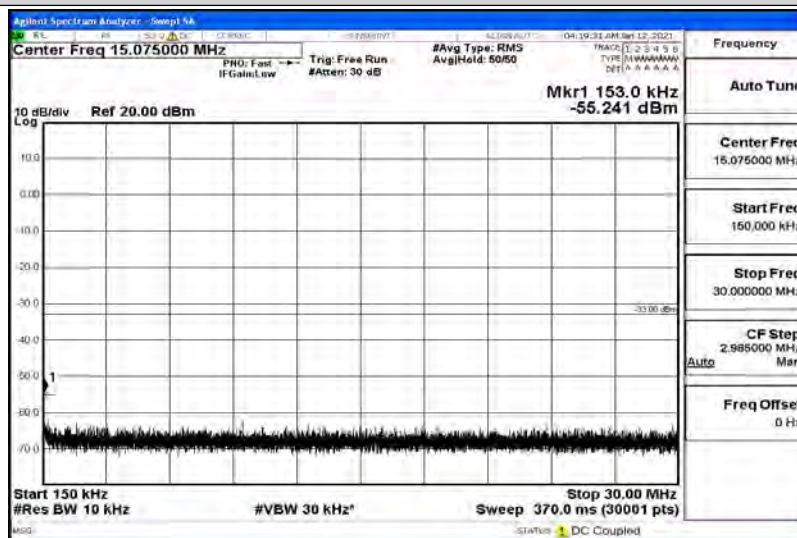
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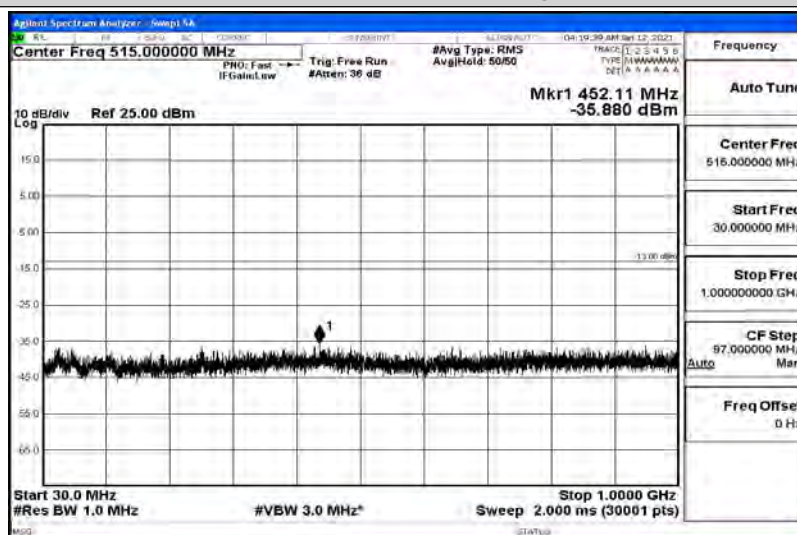
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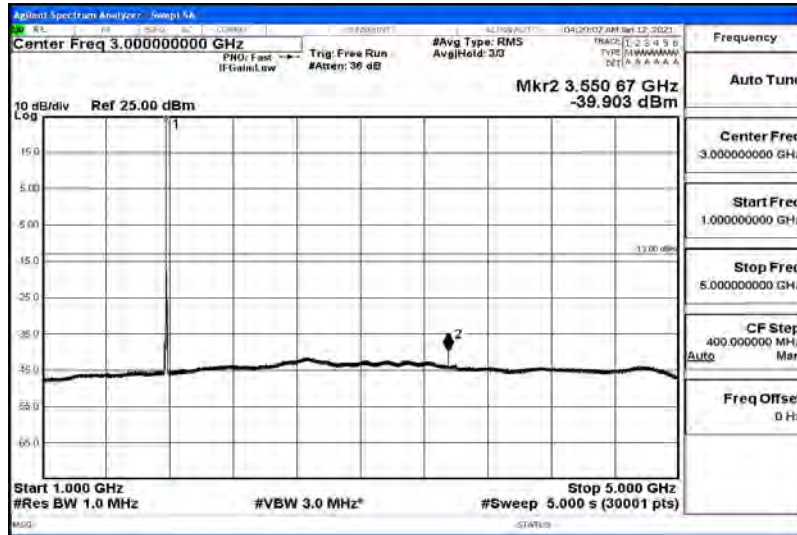
Band66-5MHz-QPSK-132647-1RB#0-Range2:0.15~30MHz



Band66-5MHz-QPSK-132647-1RB#0-Range3:30~1000MHz



Band66-5MHz-QPSK-132647-1RB#0-Range4:1000~5000MHz



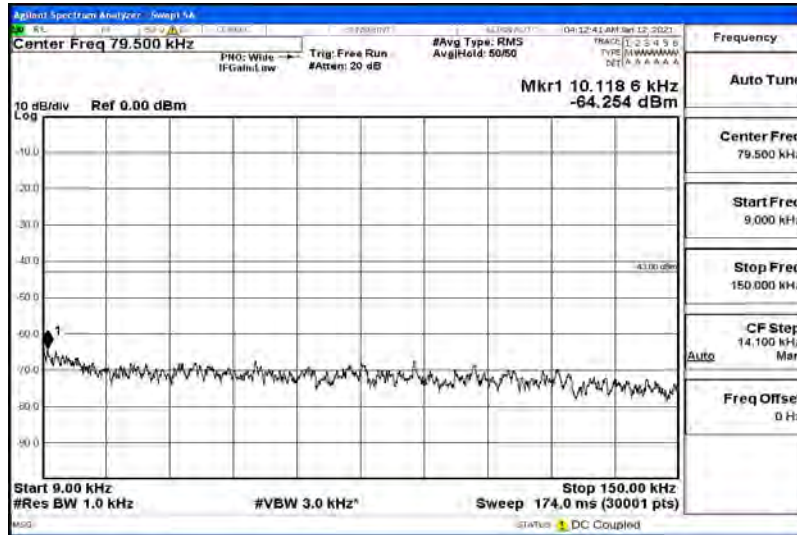
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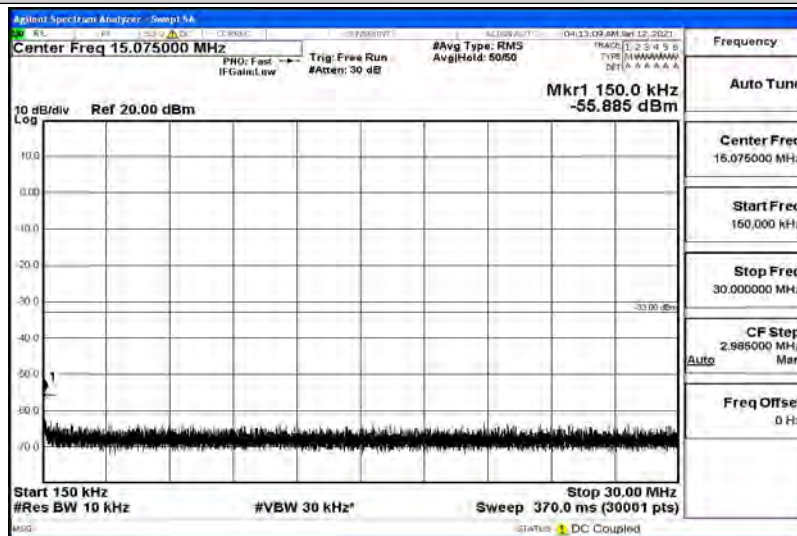
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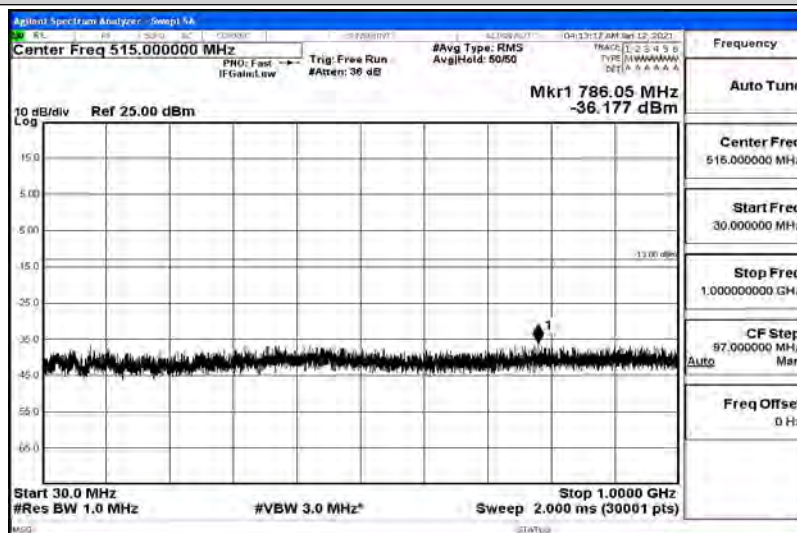
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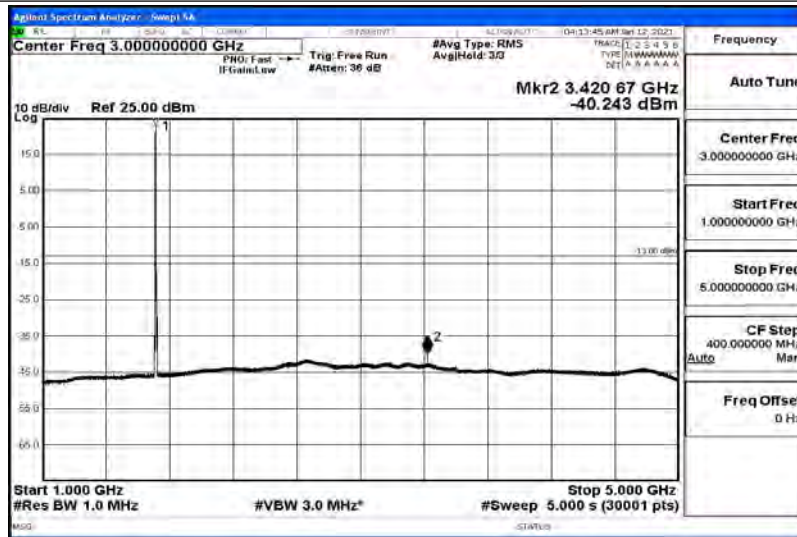
Band66-5MHz-16QAM-131997-1RB#0-Range2:0.15~30MHz



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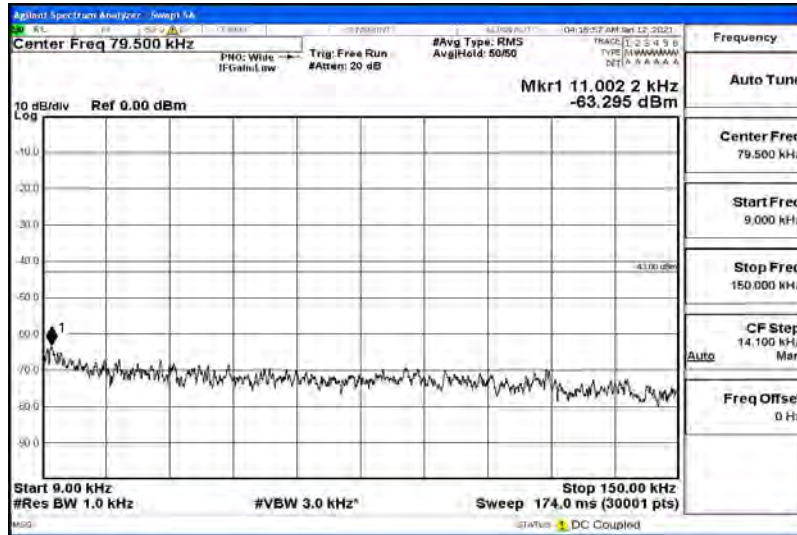
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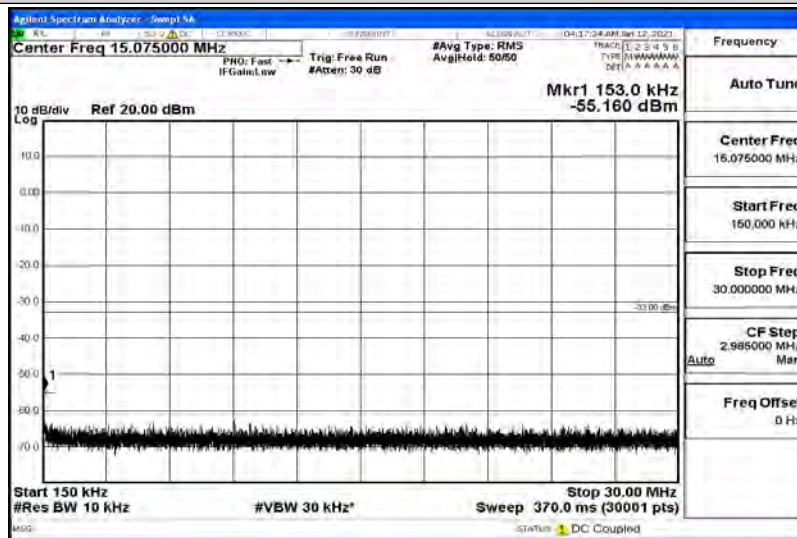
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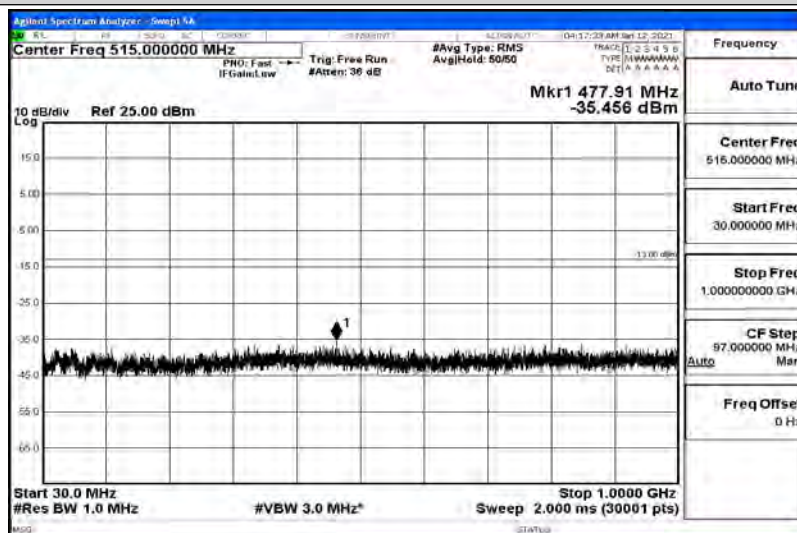
Band66-5MHz-16QAM-132322-1RB#0-Range1:0.009~0.15MHz



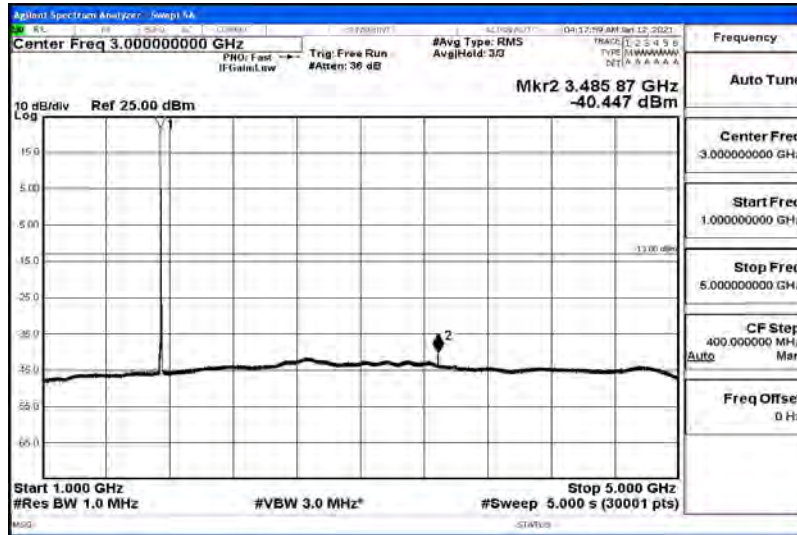
Band66-5MHz-16QAM-132322-1RB#0-Range2:0.15~30MHz



Band66-5MHz-16QAM-132322-1RB#0-Range3:30~1000MHz



Band66-5MHz-16QAM-132322-1RB#0-Range4:1000~5000MHz



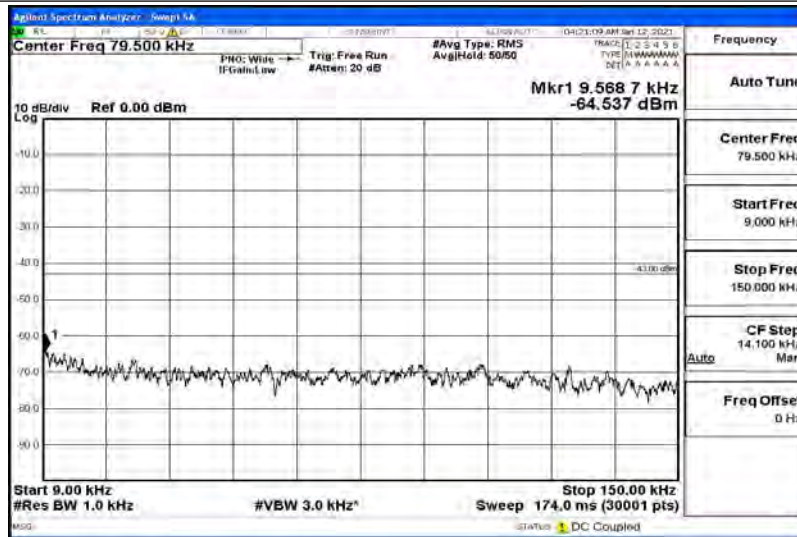
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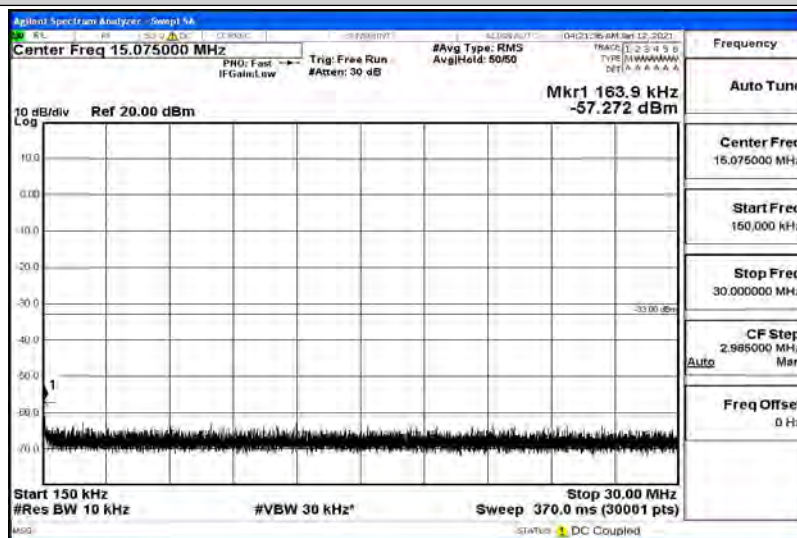
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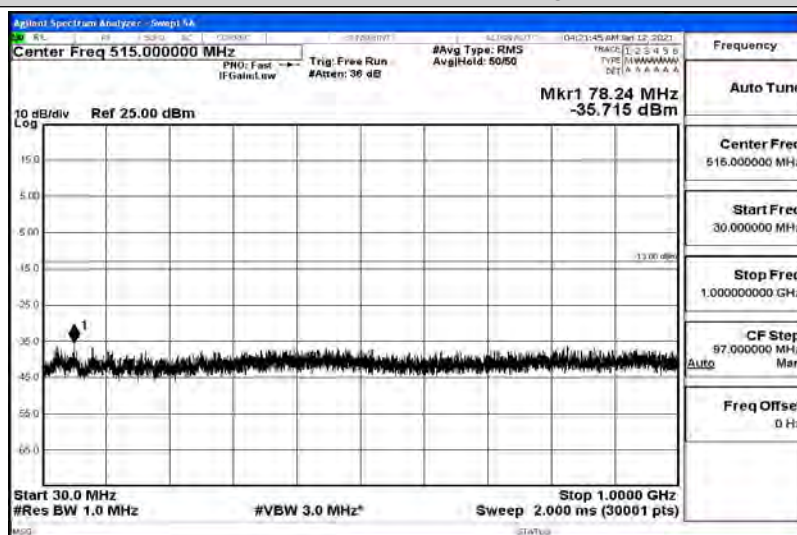
Band66-5MHz-16QAM-132647-1RB#0-Range1:0.009~0.15MHz



Band66-5MHz-16QAM-132647-1RB#0-Range2:0.15~30MHz



Band66-5MHz-16QAM-132647-1RB#0-Range3:30~1000MHz



Band66-5MHz-16QAM-132647-1RB#0-Range4:1000~5000MHz



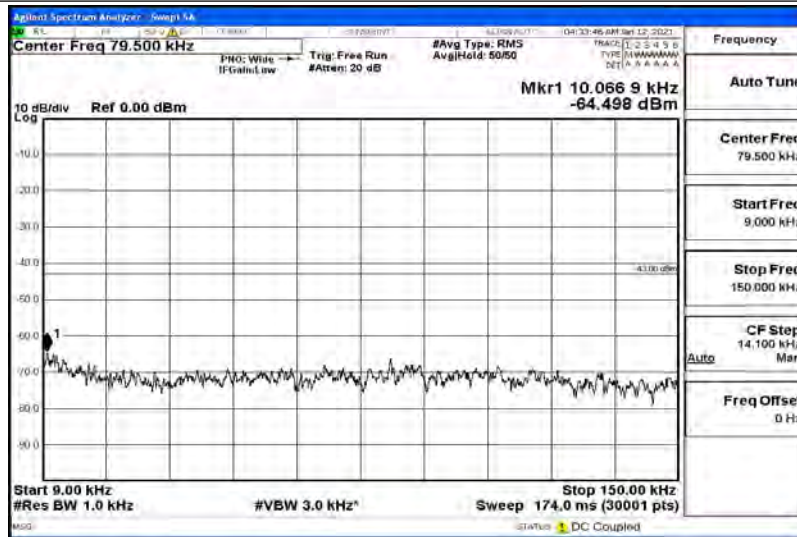
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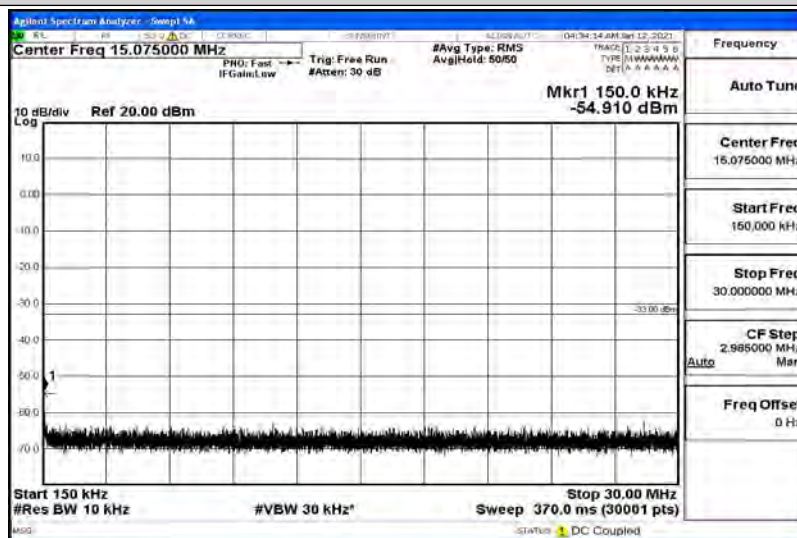
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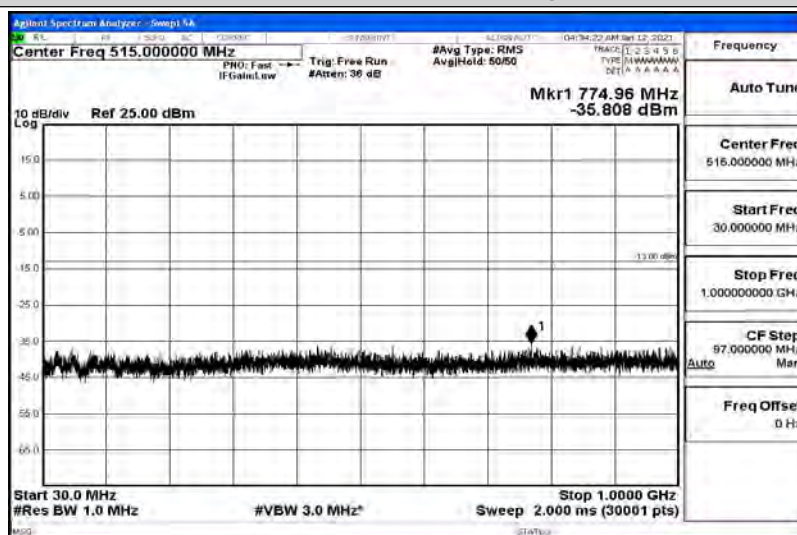
Band66-10MHz-QPSK-132022-1RB#0-Range1:0.009~0.15MHz



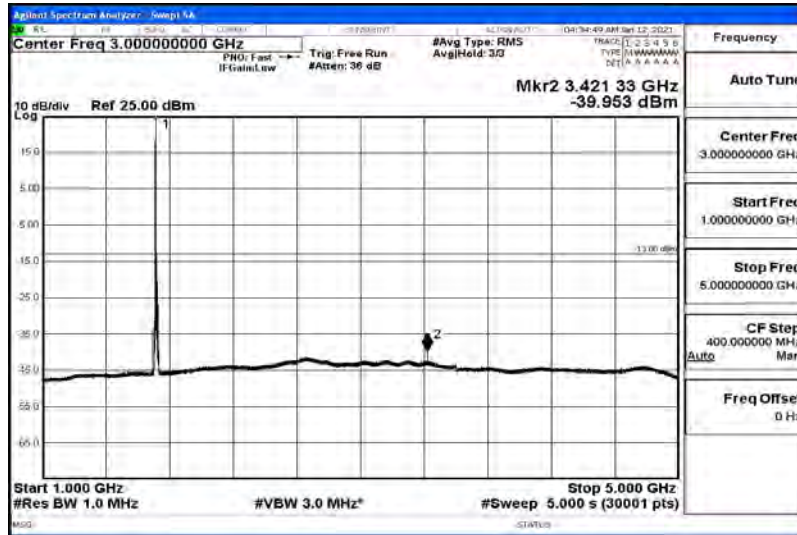
Band66-10MHz-QPSK-132022-1RB#0-Range2:0.15~30MHz



Band66-10MHz-QPSK-132022-1RB#0-Range3:30~1000MHz



Band66-10MHz-QPSK-132022-1RB#0-Range4:1000~5000MHz



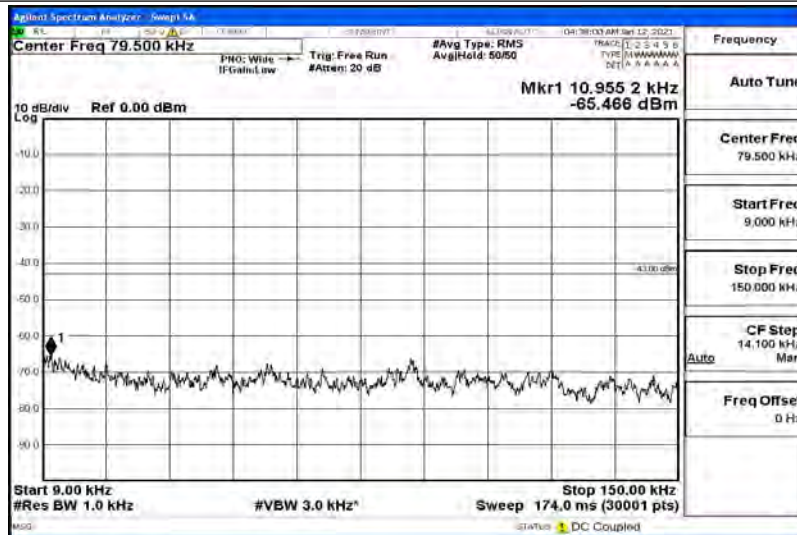
Band66-10MHz-QPSK-132022-1RB#0-Range5:5000~12000MHz



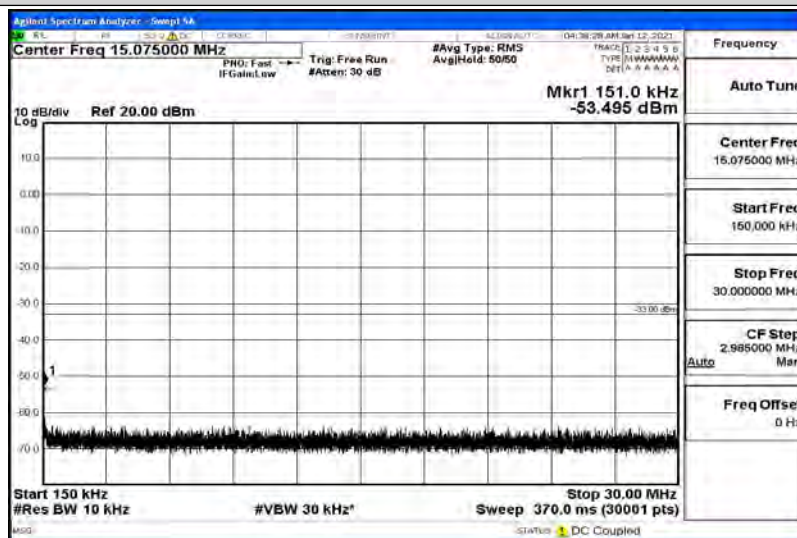
Band66-10MHz-QPSK-132022-1RB#0-Range6:12000~26500MHz



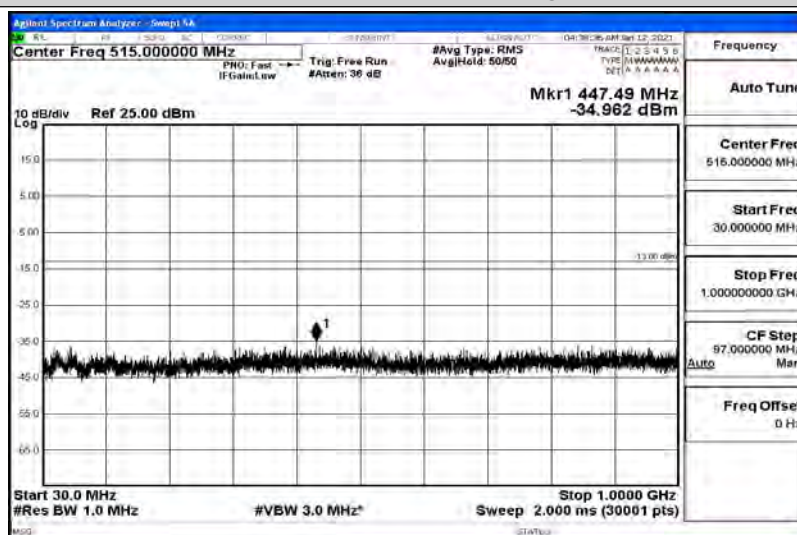
Band66-10MHz-QPSK-132322-1RB#0-Range1:0.009~0.15MHz



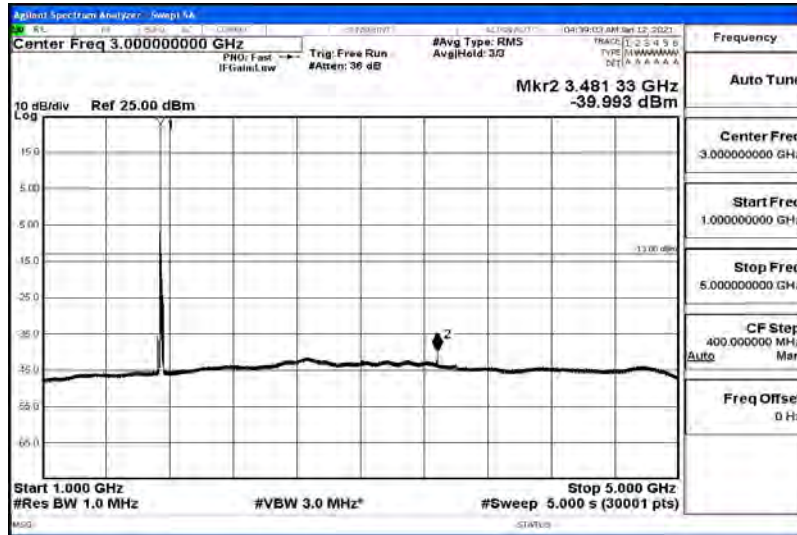
Band66-10MHz-QPSK-132322-1RB#0-Range2:0.15~30MHz



Band66-10MHz-QPSK-132322-1RB#0-Range3:30~1000MHz



Band66-10MHz-QPSK-132322-1RB#0-Range4:1000~5000MHz



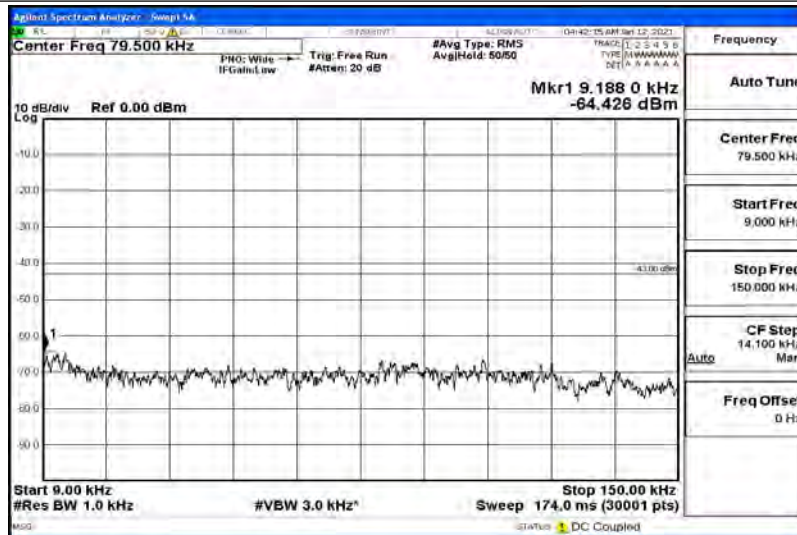
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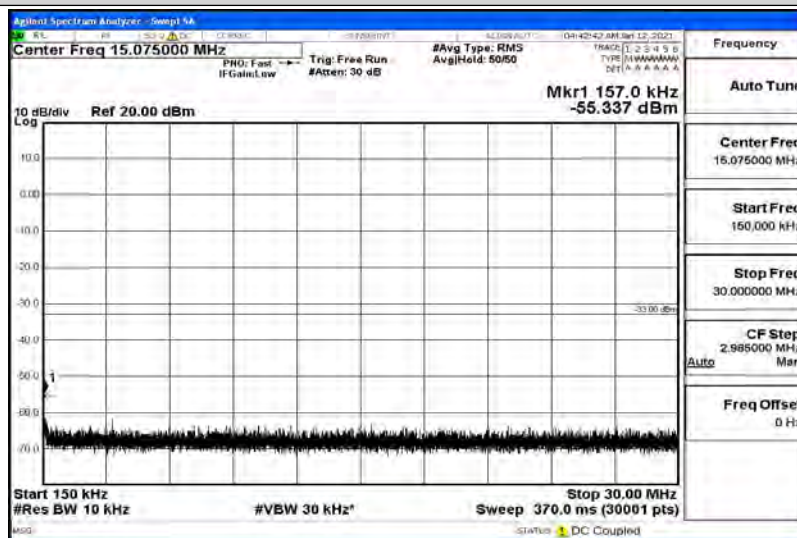
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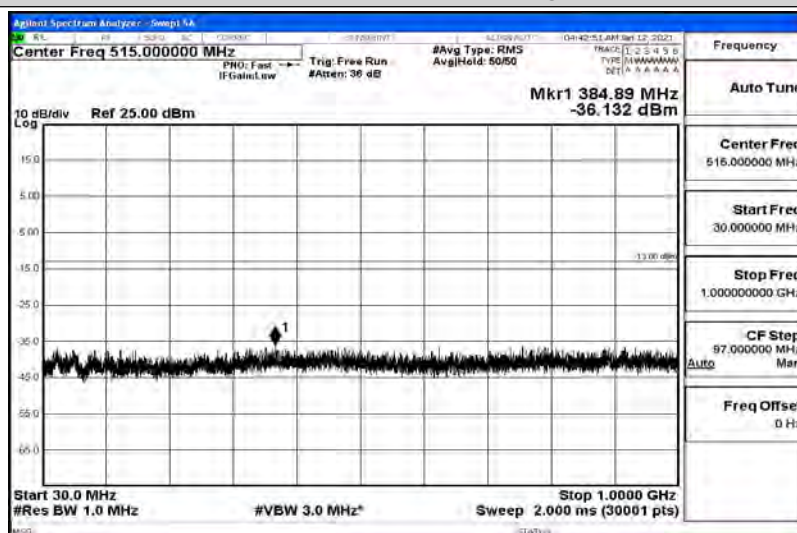
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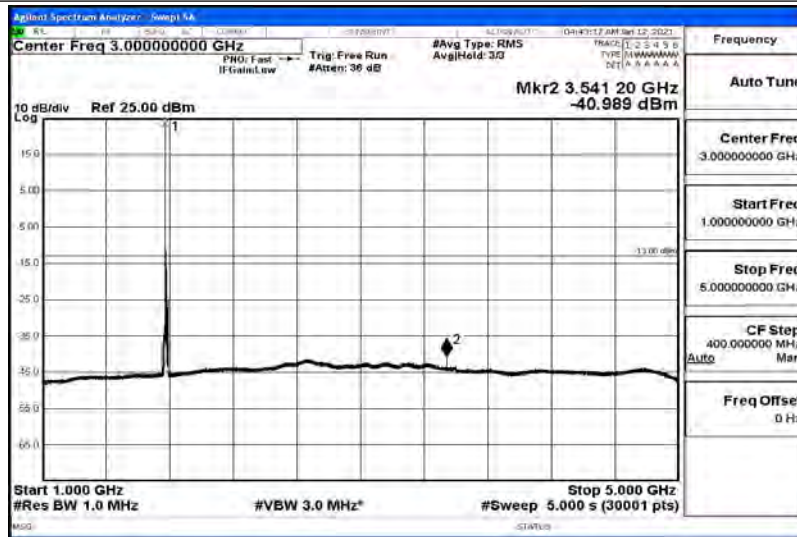
Band66-10MHz-QPSK-132622-1RB#0-Range2:0.15~30MHz



Band66-10MHz-QPSK-132622-1RB#0-Range3:30~1000MHz



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Band66-10MHz-QPSK-132622-1RB#0-Range5:5000~12000MHz



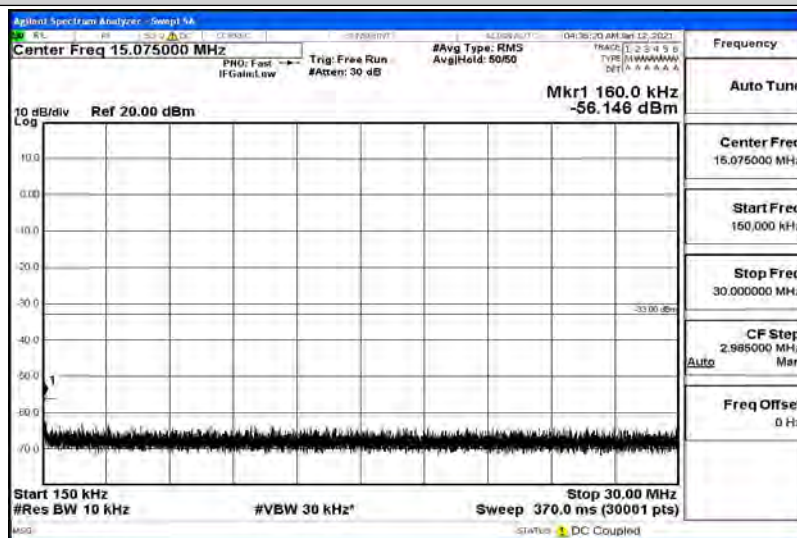
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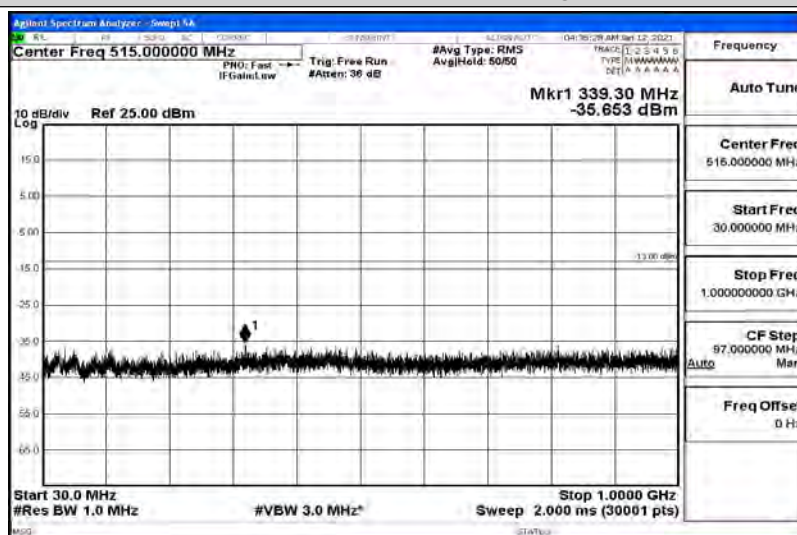
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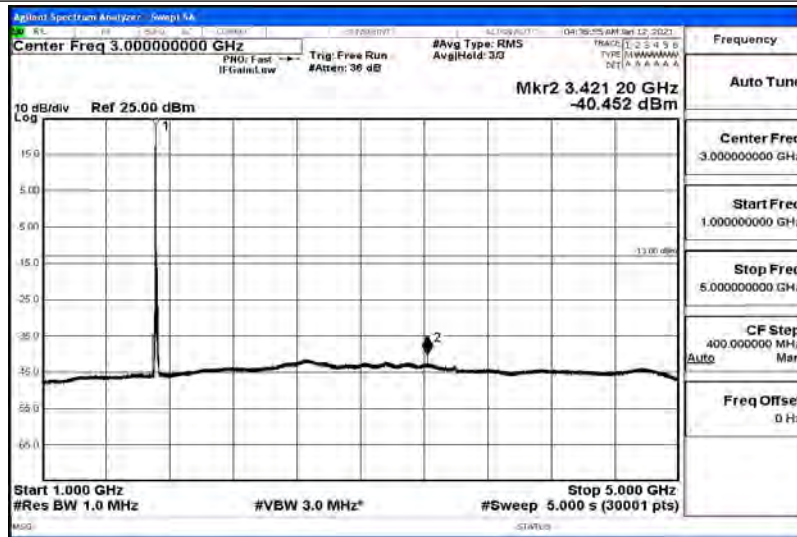
Band66-10MHz-16QAM-132022-1RB#0-Range2:0.15~30MHz



Band66-10MHz-16QAM-132022-1RB#0-Range3:30~1000MHz



Band66-10MHz-16QAM-132022-1RB#0-Range4:1000~5000MHz



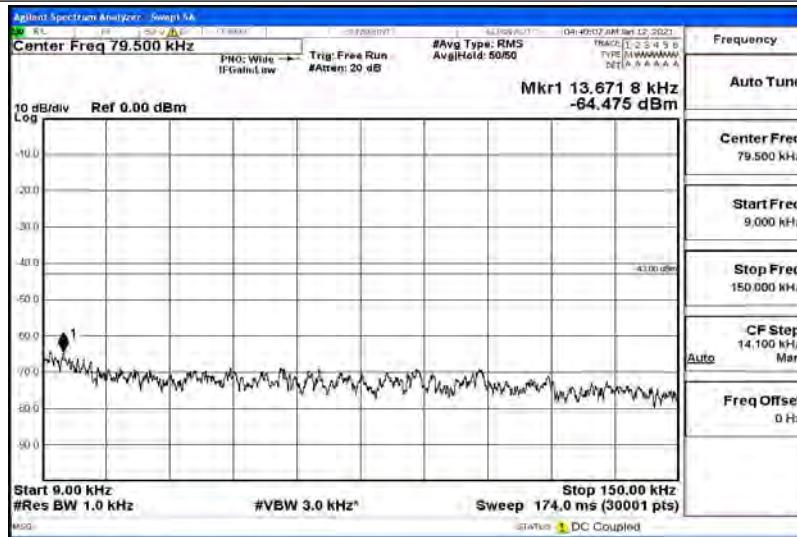
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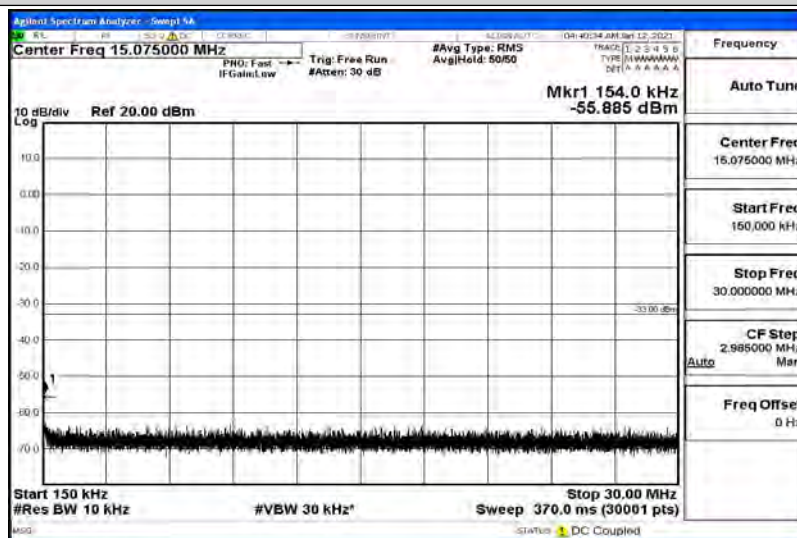
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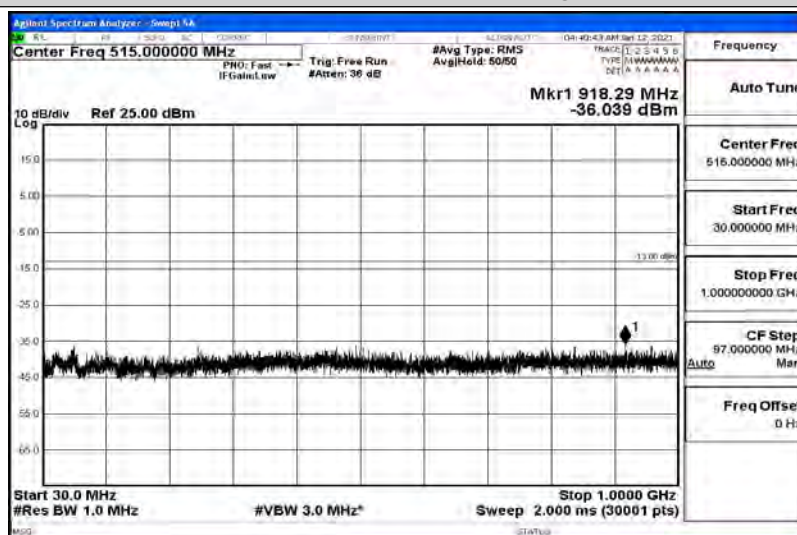
Band66-10MHz-16QAM-132322-1RB#0-Range1:0.009~0.15MHz



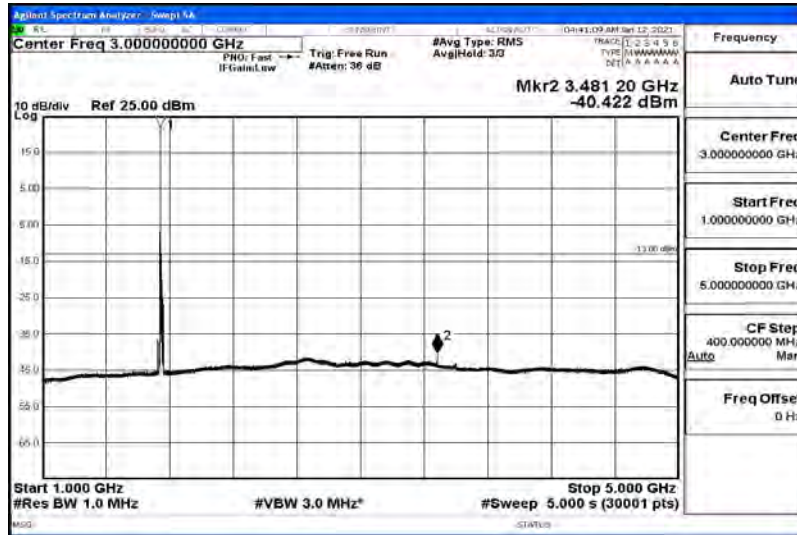
Band66-10MHz-16QAM-132322-1RB#0-Range2:0.15~30MHz



Band66-10MHz-16QAM-132322-1RB#0-Range3:30~1000MHz



Band66-10MHz-16QAM-132322-1RB#0-Range4:1000~5000MHz



Band66-10MHz-16QAM-132322-1RB#0-Range5:5000~12000MHz



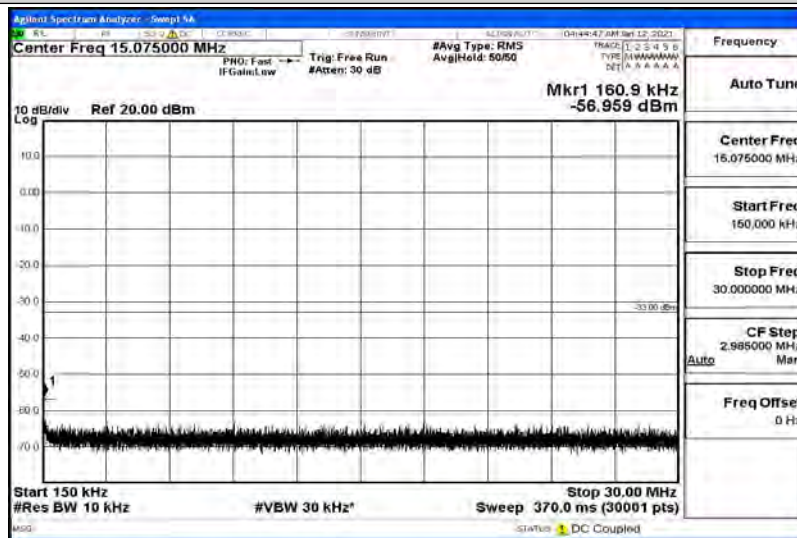
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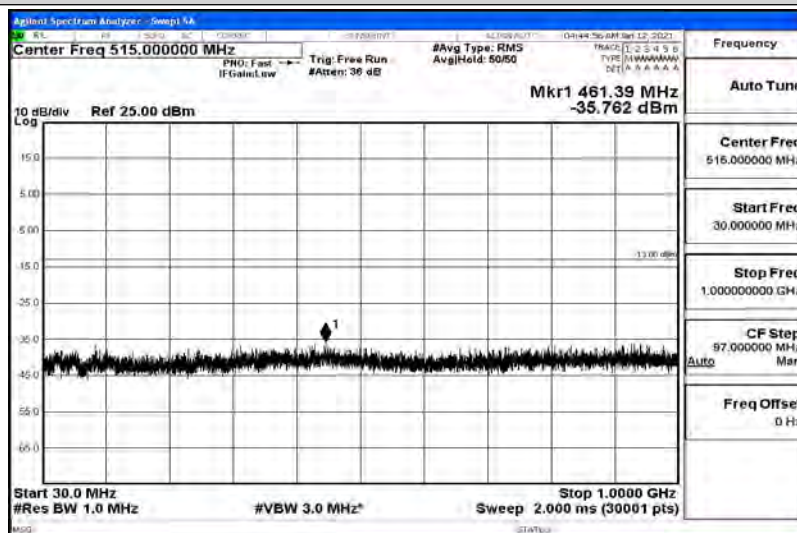
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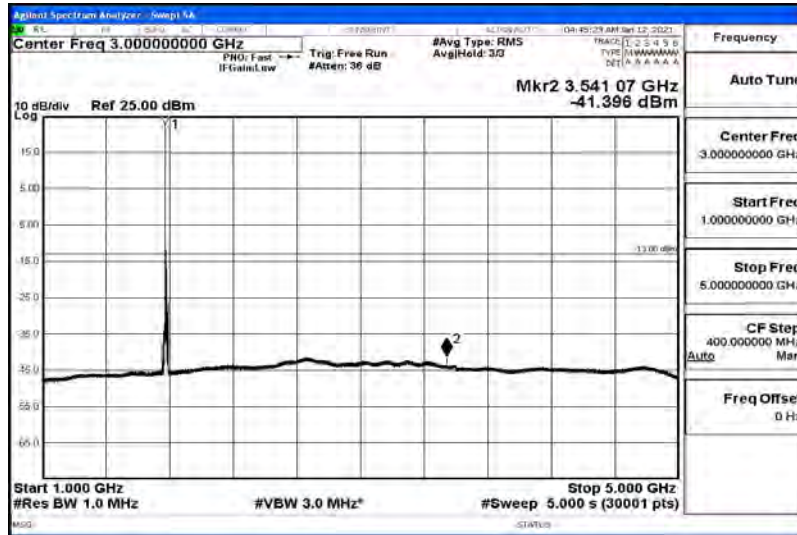
Band66-10MHz-16QAM-132622-1RB#0-Range2:0.15~30MHz



Band66-10MHz-16QAM-132622-1RB#0-Range3:30~1000MHz



Band66-10MHz-16QAM-132622-1RB#0-Range4:1000~5000MHz



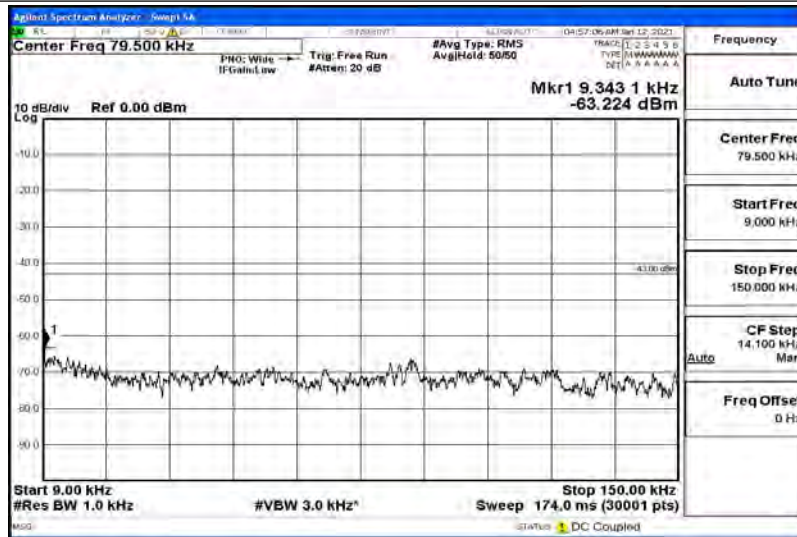
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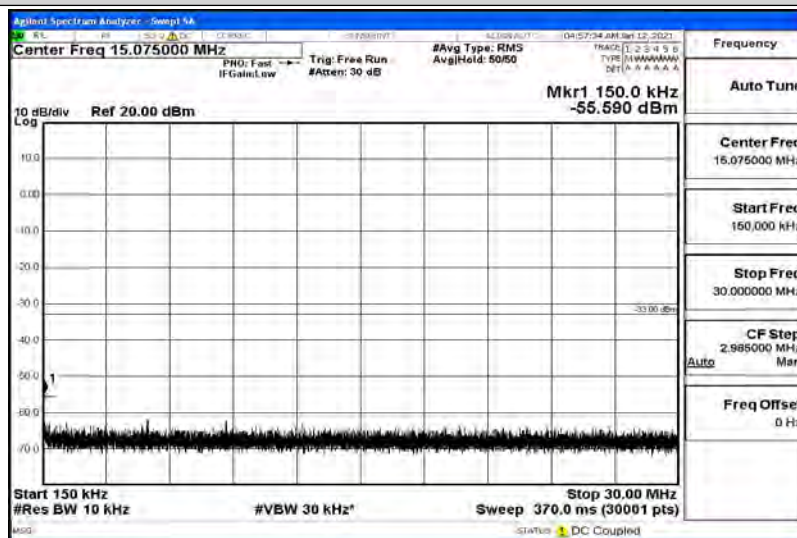
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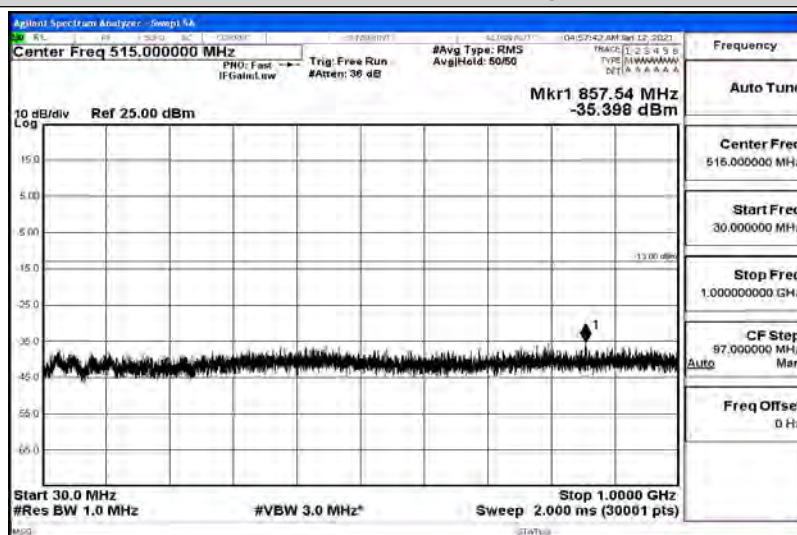
Band66-15MHz-QPSK-132047-1RB#0-Range1:0.009~0.15MHz



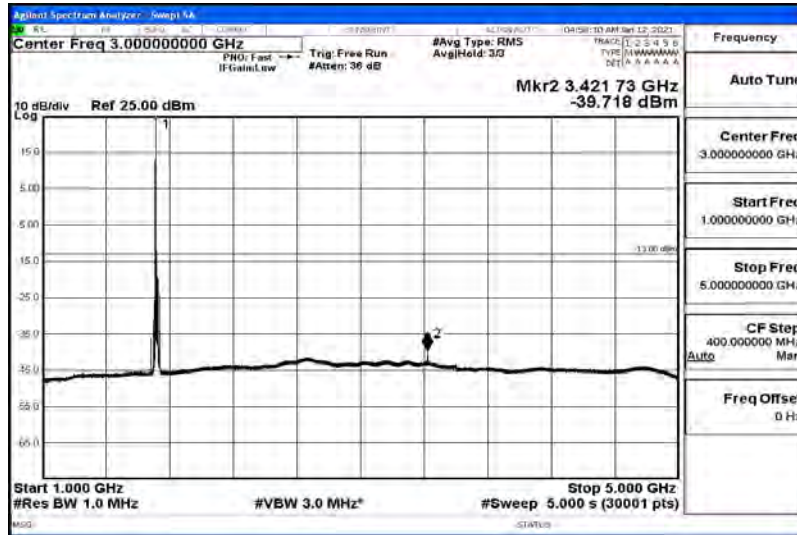
Band66-15MHz-QPSK-132047-1RB#0-Range2:0.15~30MHz



Band66-15MHz-QPSK-132047-1RB#0-Range3:30~1000MHz



Band66-15MHz-QPSK-132047-1RB#0-Range4:1000~5000MHz



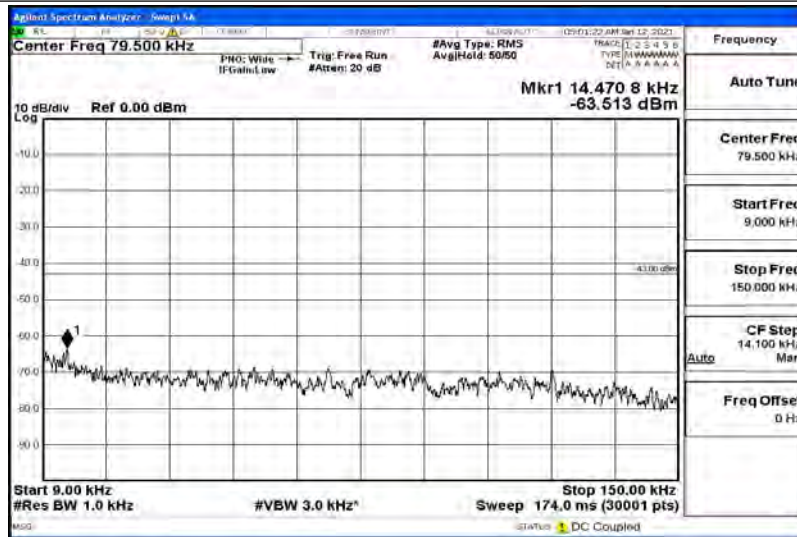
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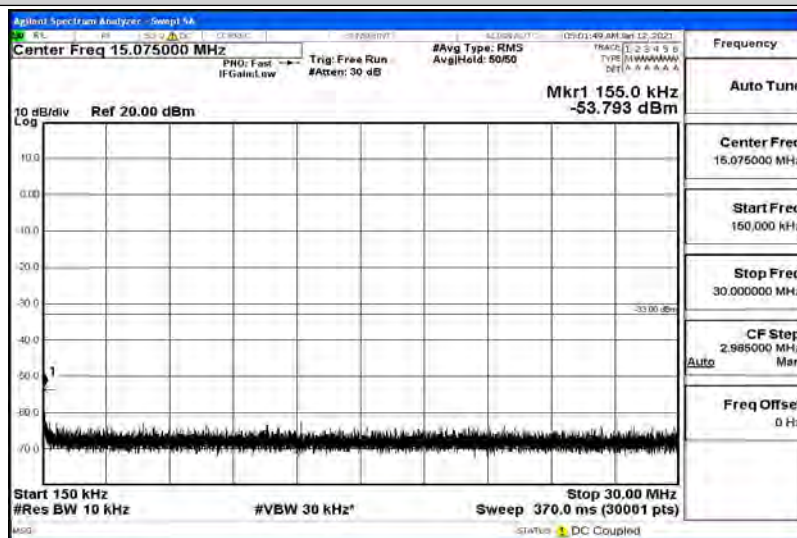
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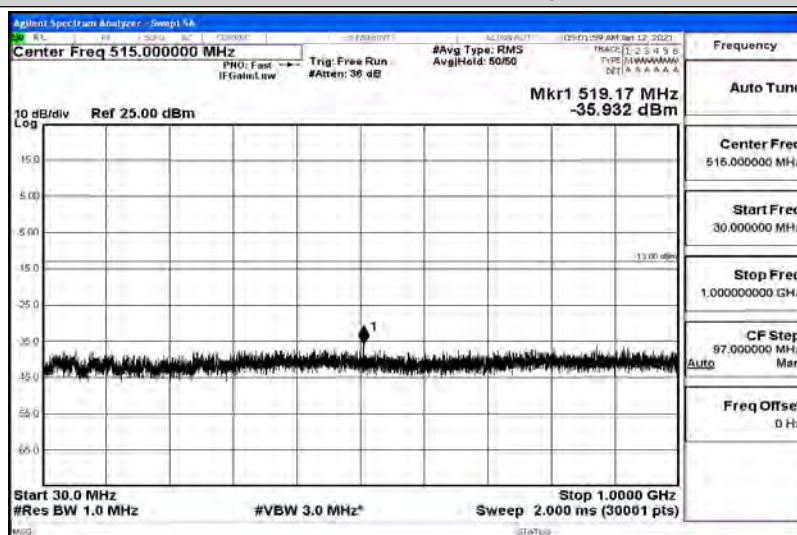
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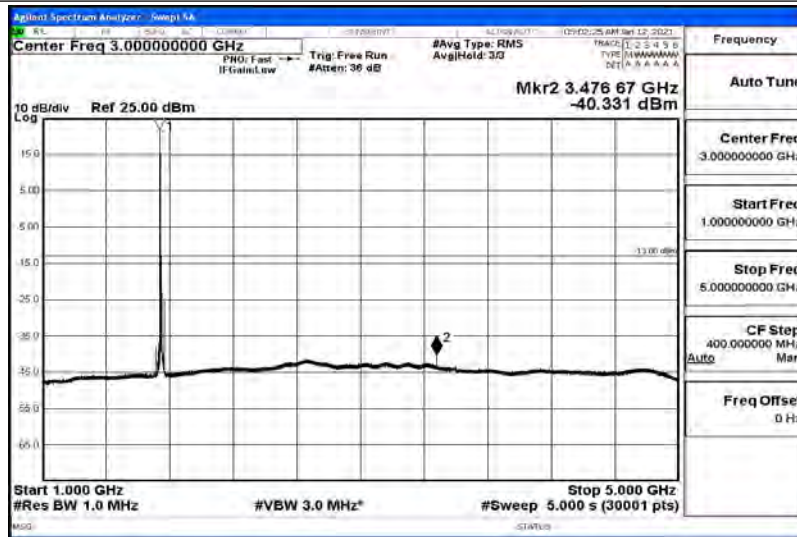
Band66-15MHz-QPSK-132322-1RB#0-Range2:0.15~30MHz



Band66-15MHz-QPSK-132322-1RB#0-Range3:30~1000MHz



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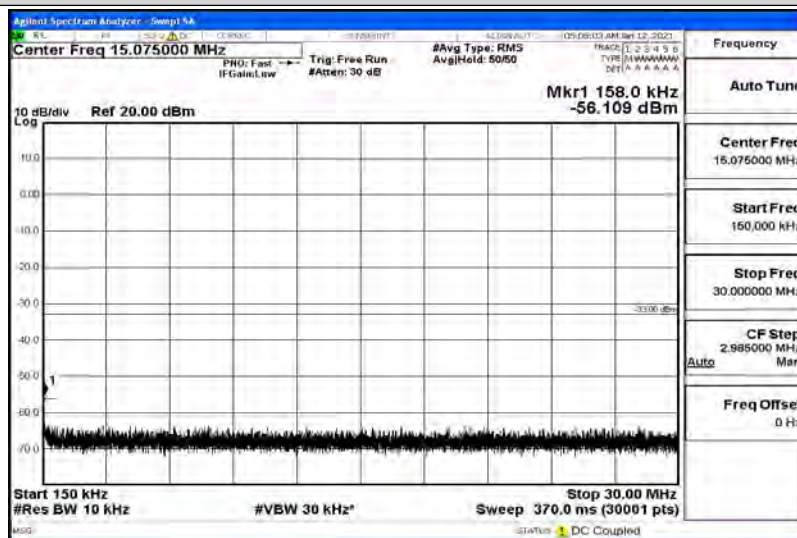
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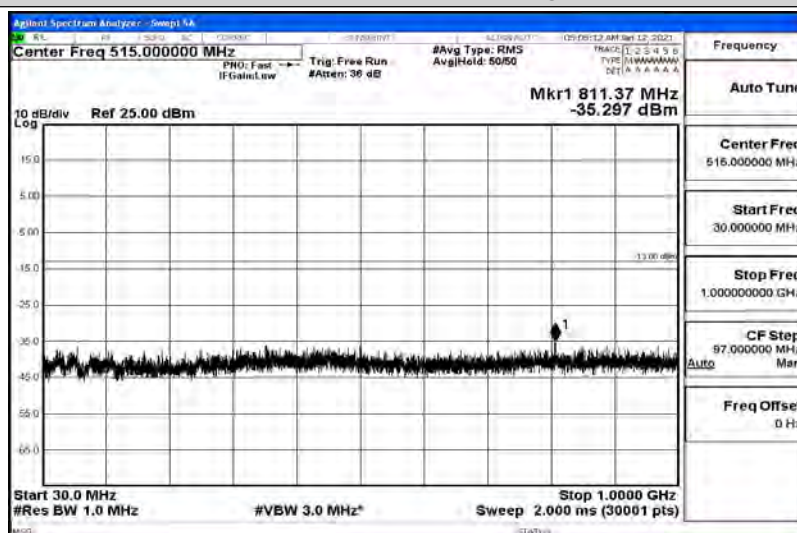
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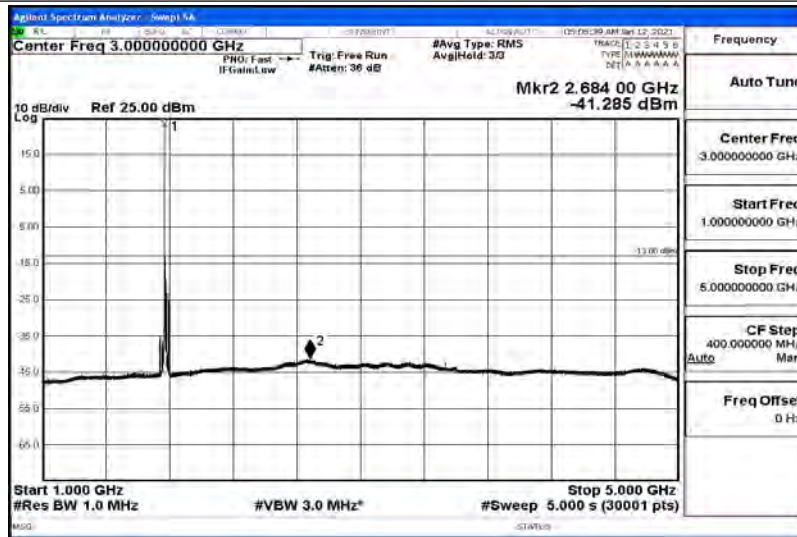
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Band66-15MHz-QPSK-132597-1RB#0-Range3:30~1000MHz



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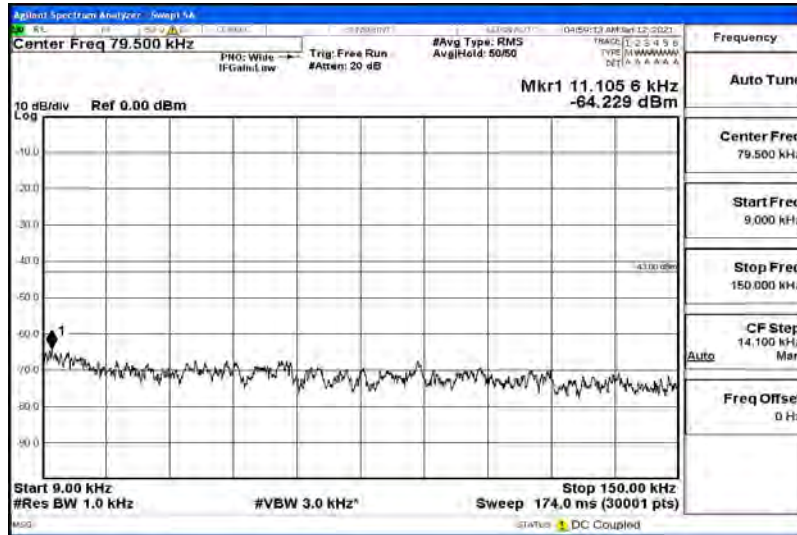
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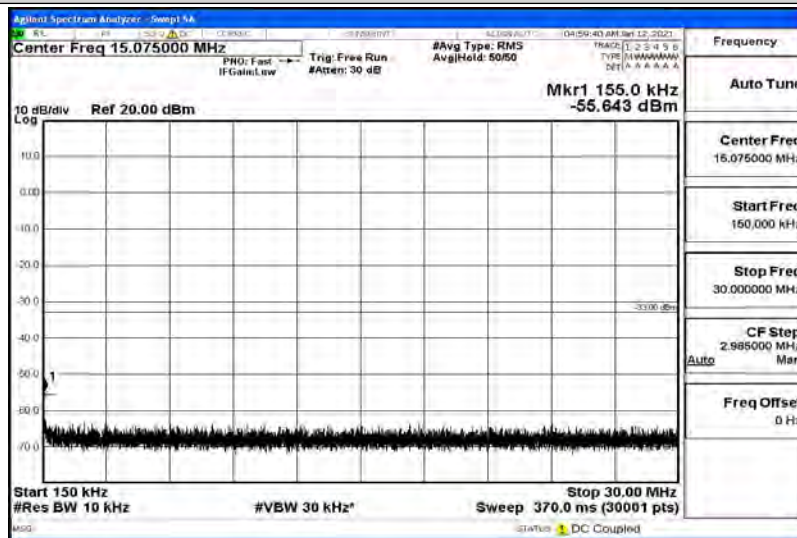
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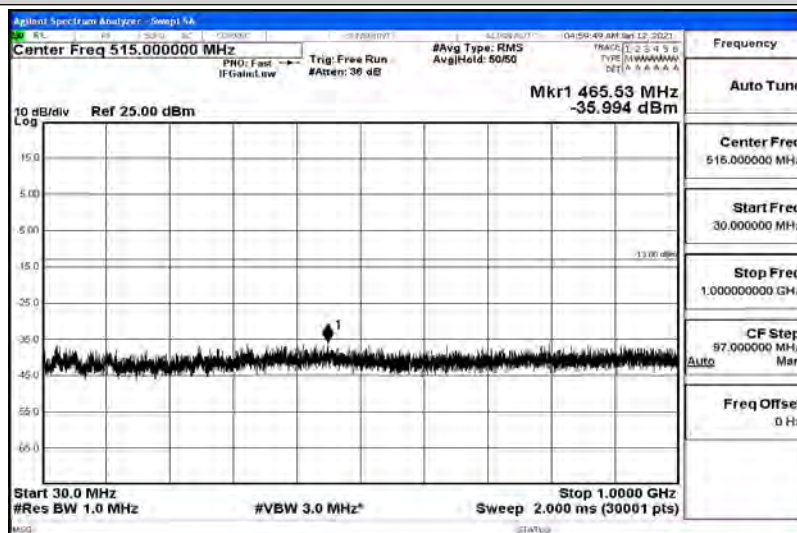
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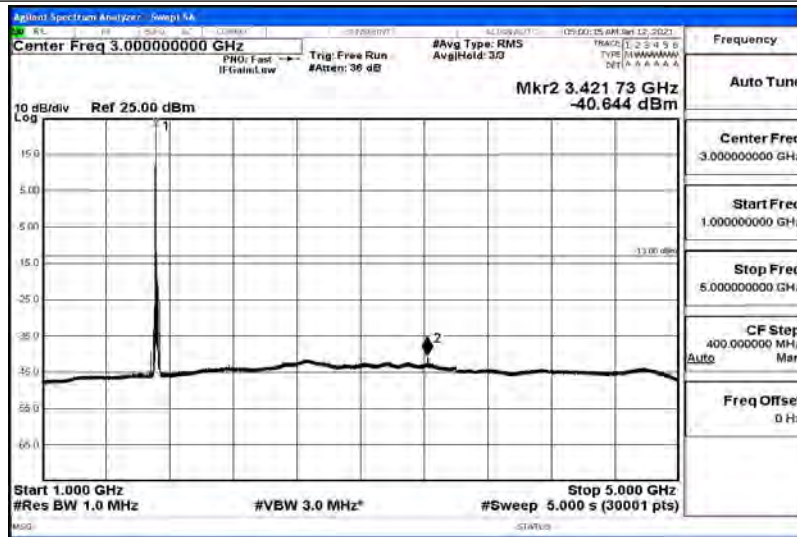
Band66-15MHz-16QAM-132047-1RB#0-Range2:0.15~30MHz



Band66-15MHz-16QAM-132047-1RB#0-Range3:30~1000MHz



Band66-15MHz-16QAM-132047-1RB#0-Range4:1000~5000MHz



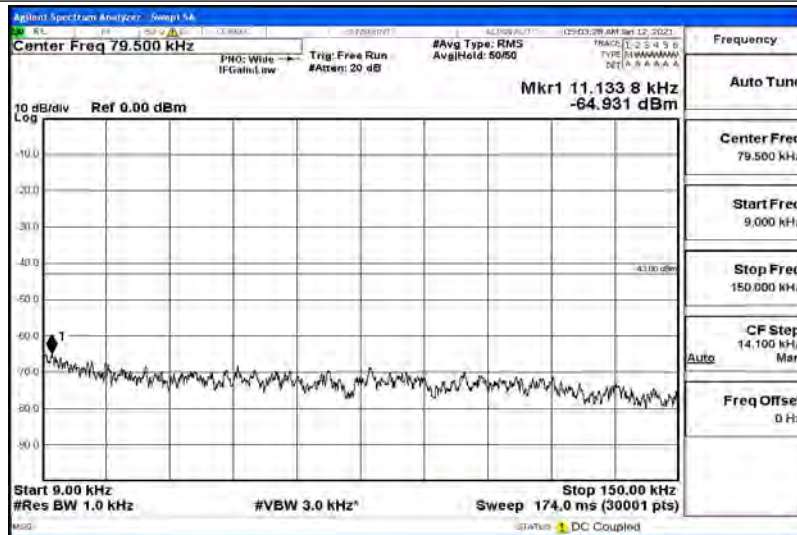
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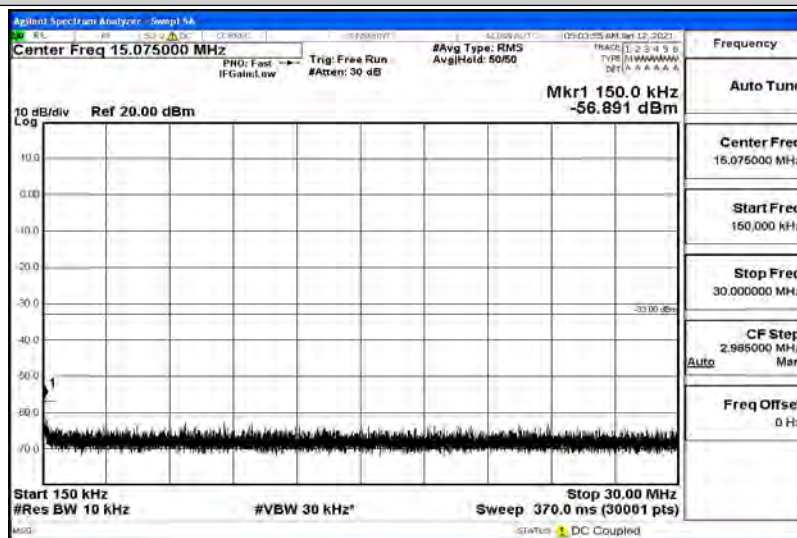
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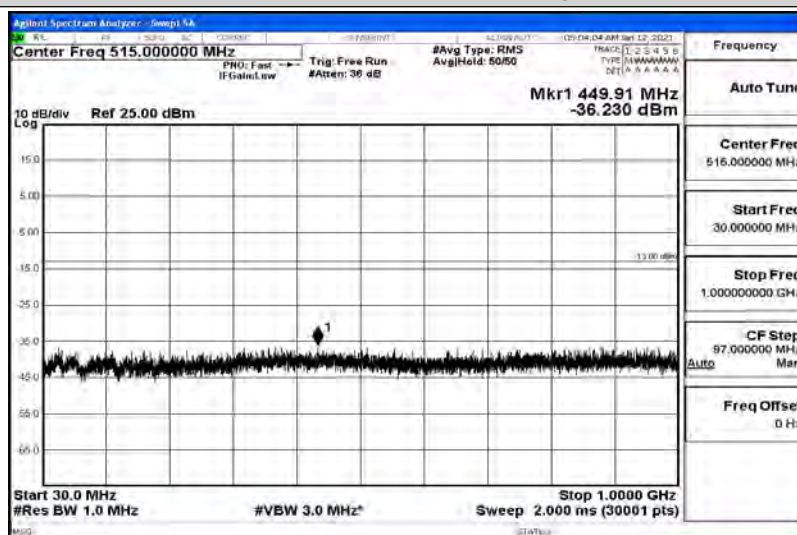
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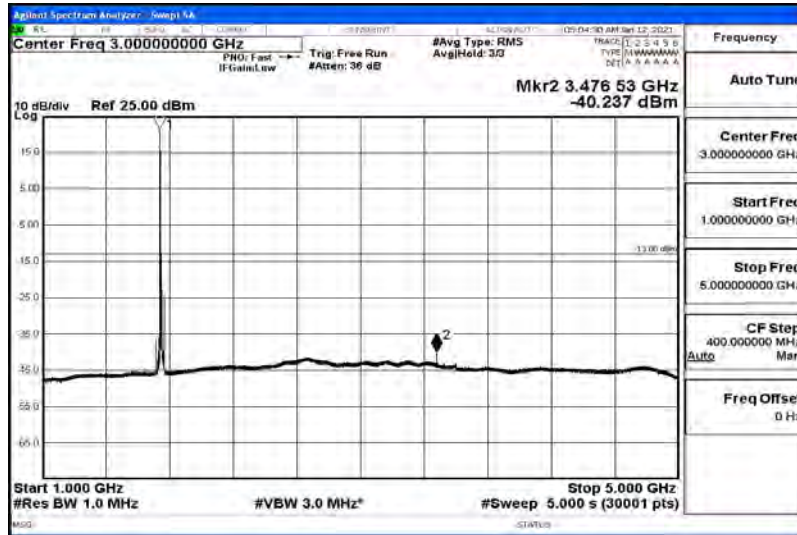
Band66-15MHz-16QAM-132322-1RB#0-Range2:0.15~30MHz



Band66-15MHz-16QAM-132322-1RB#0-Range3:30~1000MHz



Band66-15MHz-16QAM-132322-1RB#0-Range4:1000~5000MHz



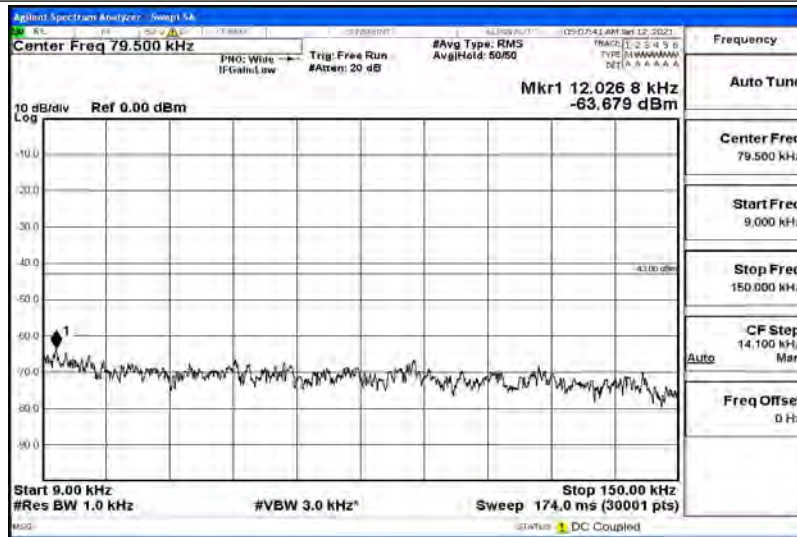
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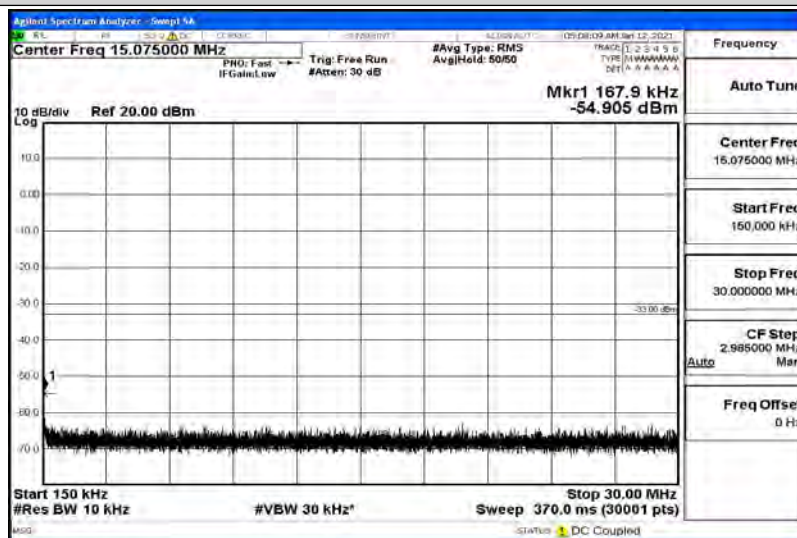
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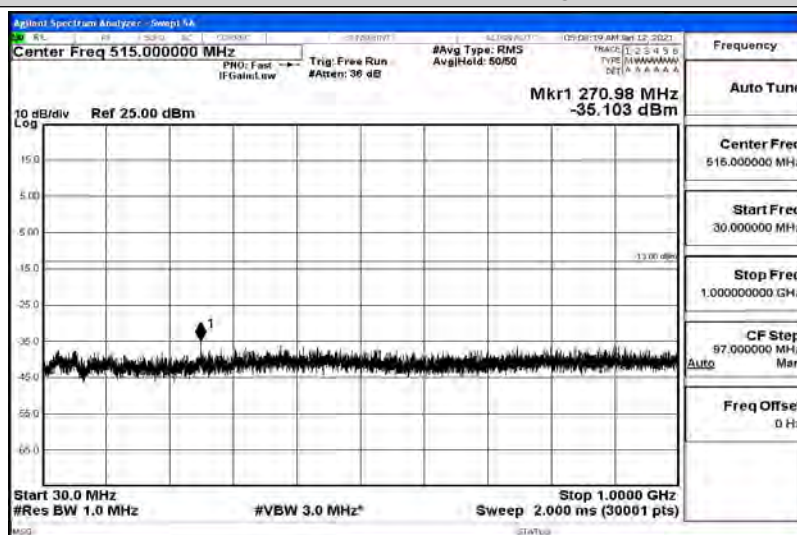
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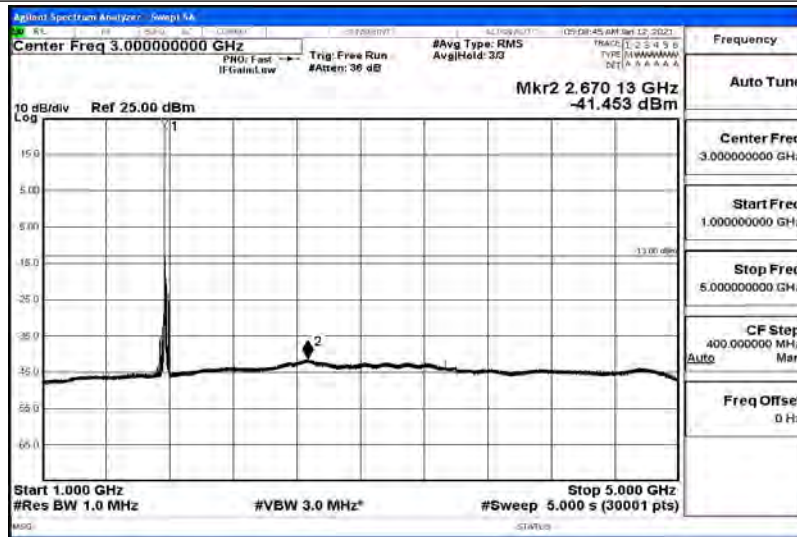
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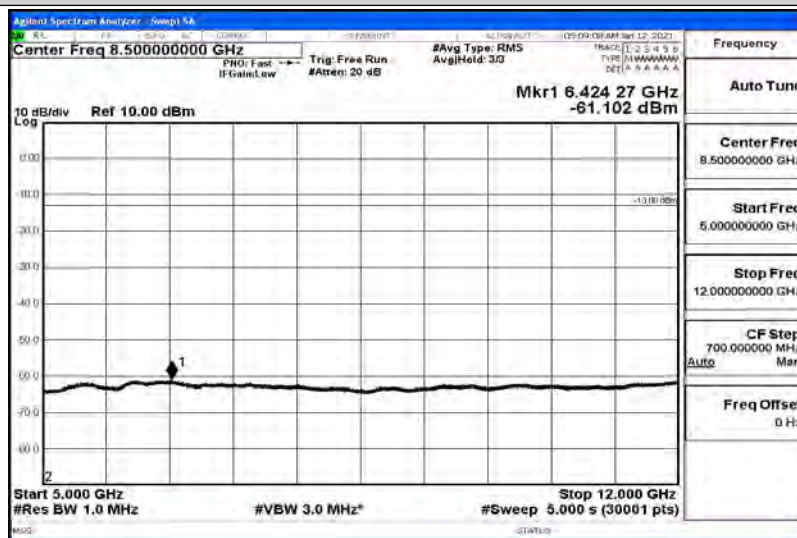
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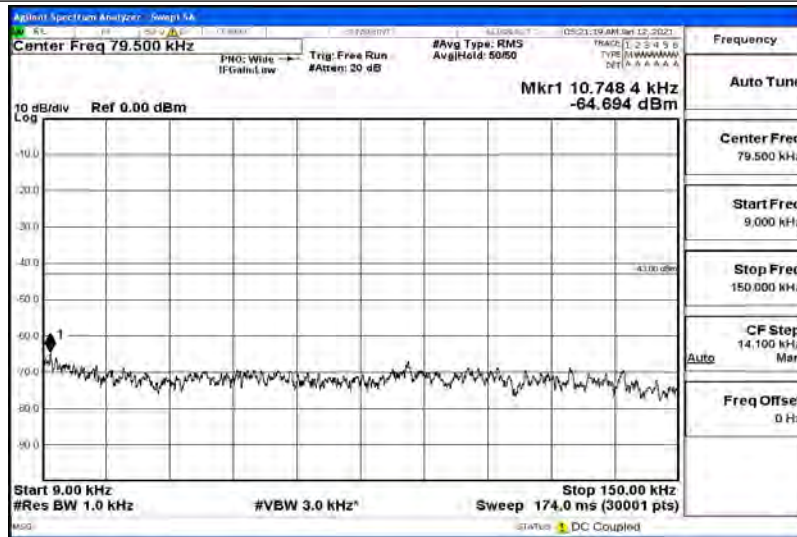
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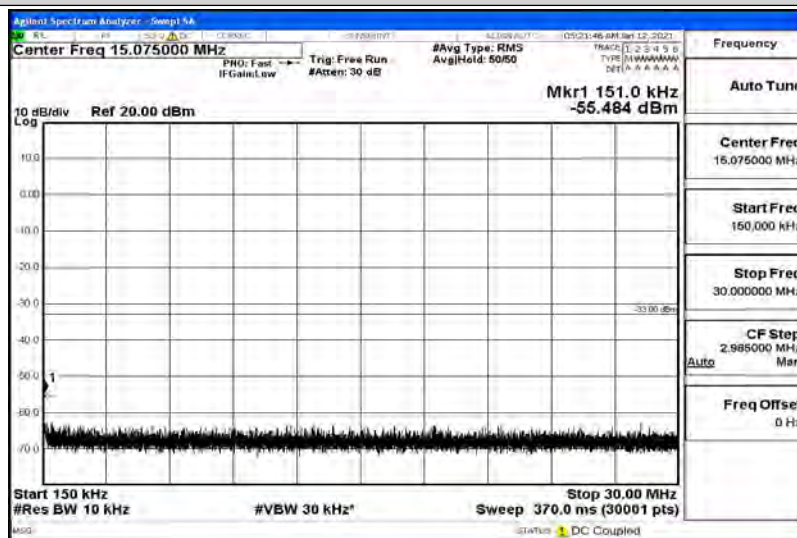
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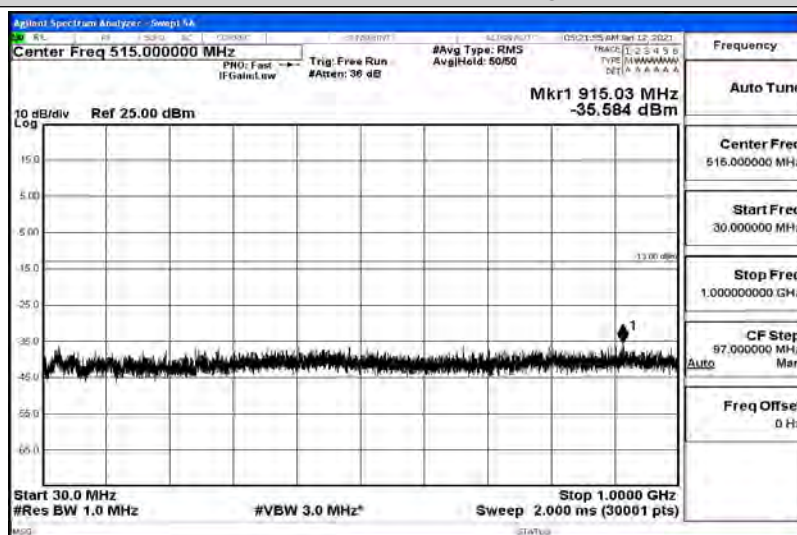
Band66-20MHz-QPSK-132072-1RB#0-Range1:0.009~0.15MHz



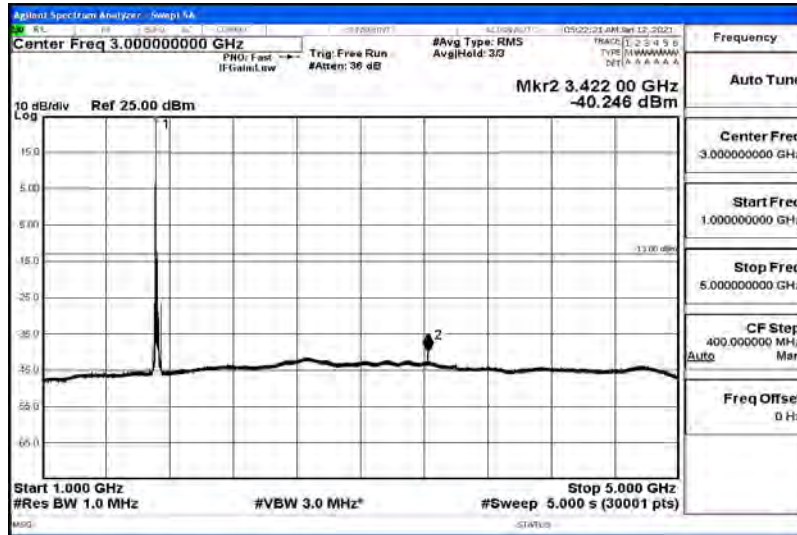
Band66-20MHz-QPSK-132072-1RB#0-Range2:0.15~30MHz



Band66-20MHz-QPSK-132072-1RB#0-Range3:30~1000MHz



Band66-20MHz-QPSK-132072-1RB#0-Range4:1000~5000MHz



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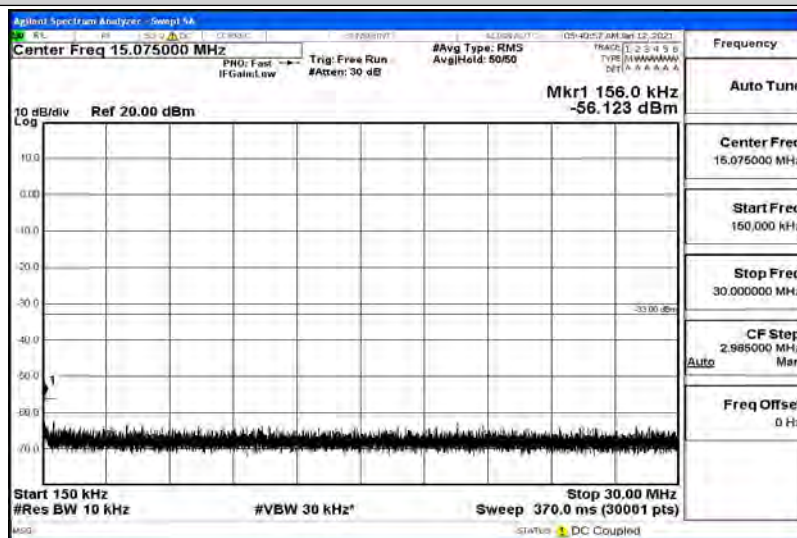
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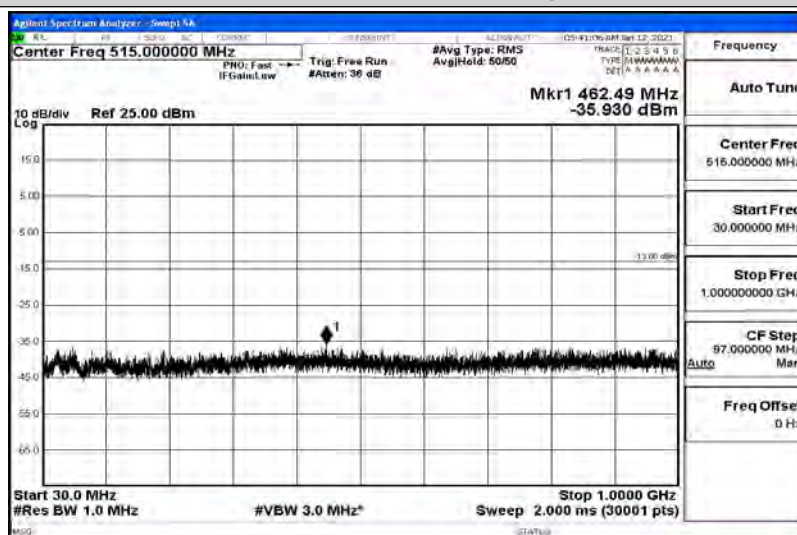
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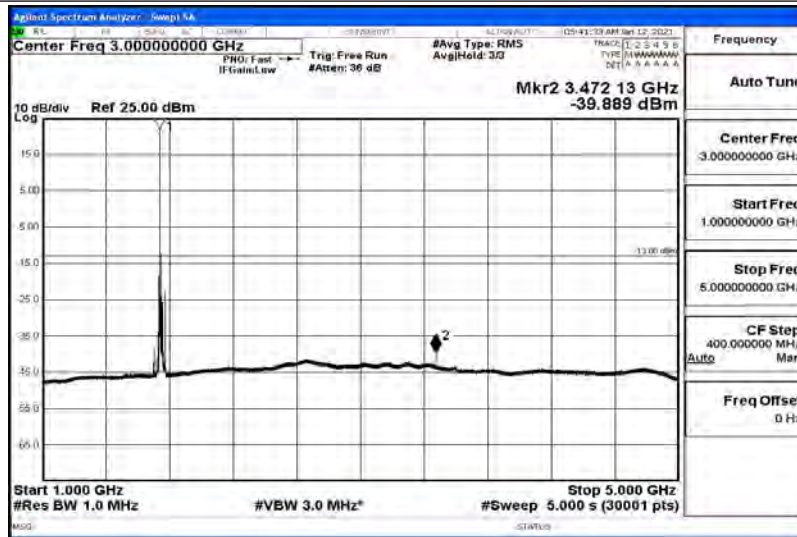
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Band66-20MHz-QPSK-132322-1RB#0-Range3:30~1000MHz



Band66-20MHz-QPSK-132322-1RB#0-Range4:1000~5000MHz



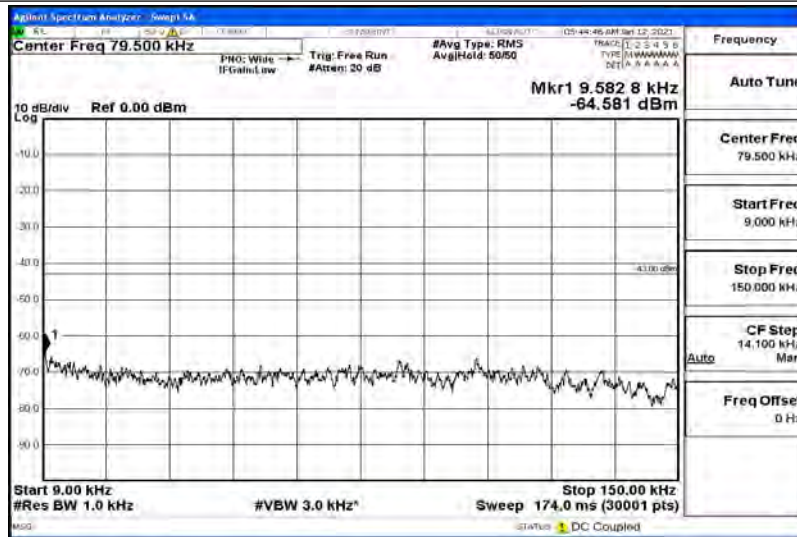
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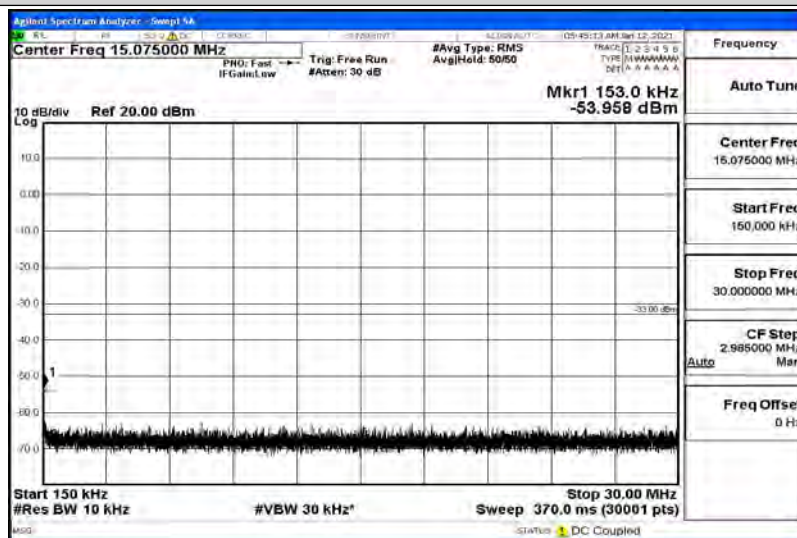
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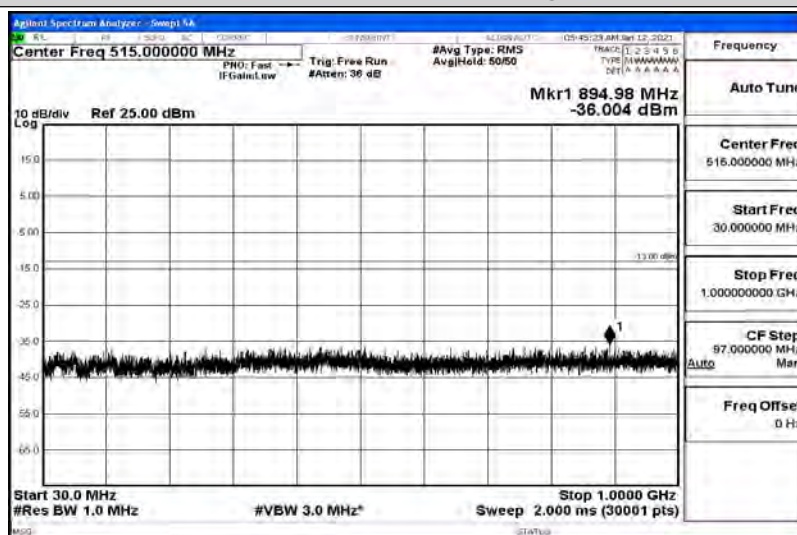
Band66-20MHz-QPSK-132572-1RB#0-Range1:0.009~0.15MHz



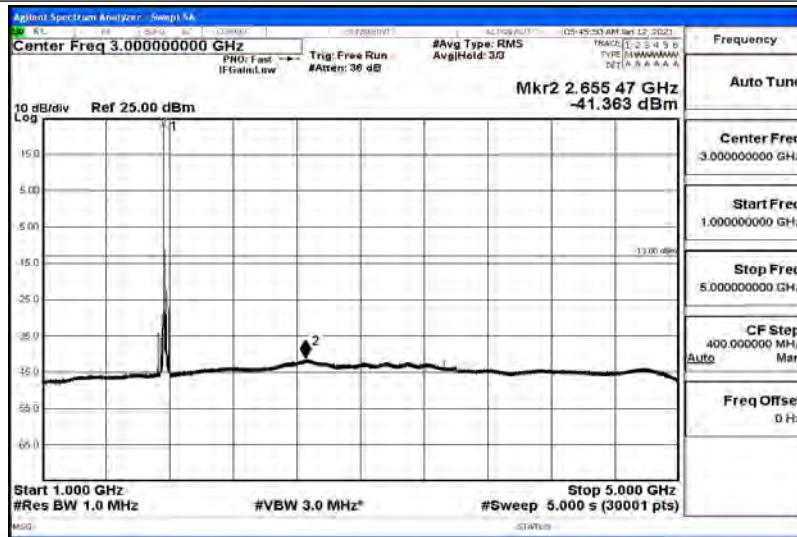
Band66-20MHz-QPSK-132572-1RB#0-Range2:0.15~30MHz



Band66-20MHz-QPSK-132572-1RB#0-Range3:30~1000MHz



Band66-20MHz-QPSK-132572-1RB#0-Range4:1000~5000MHz



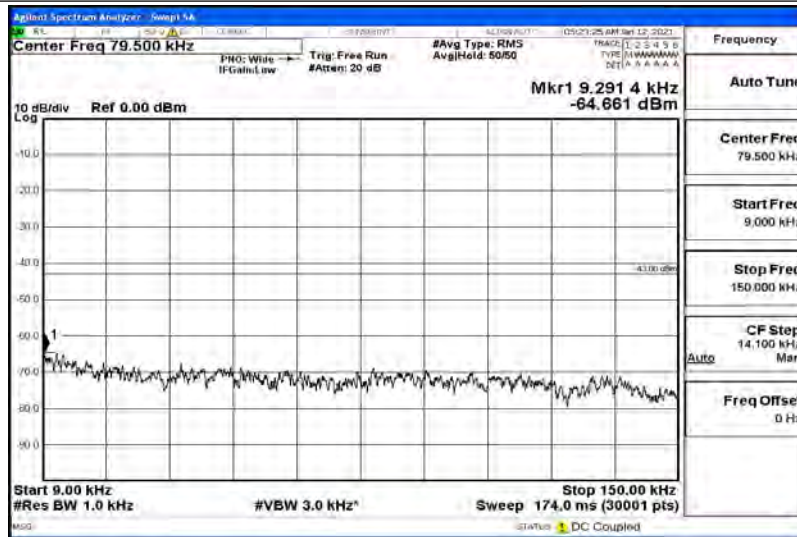
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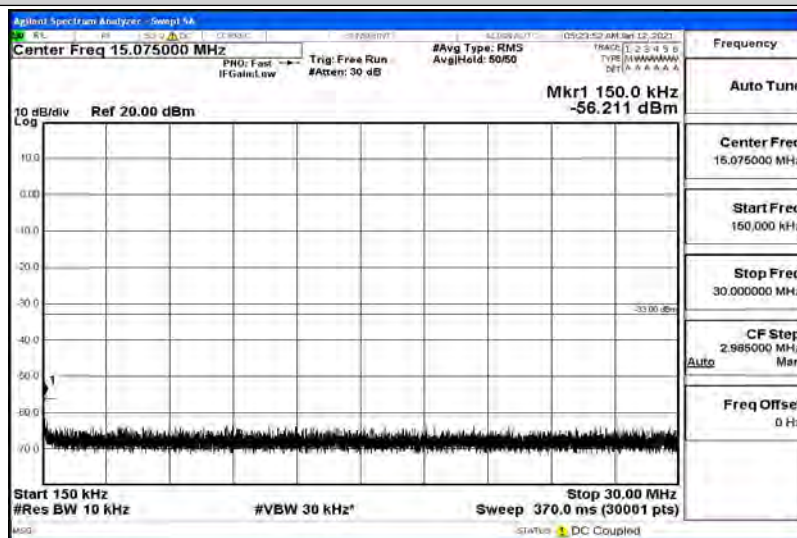
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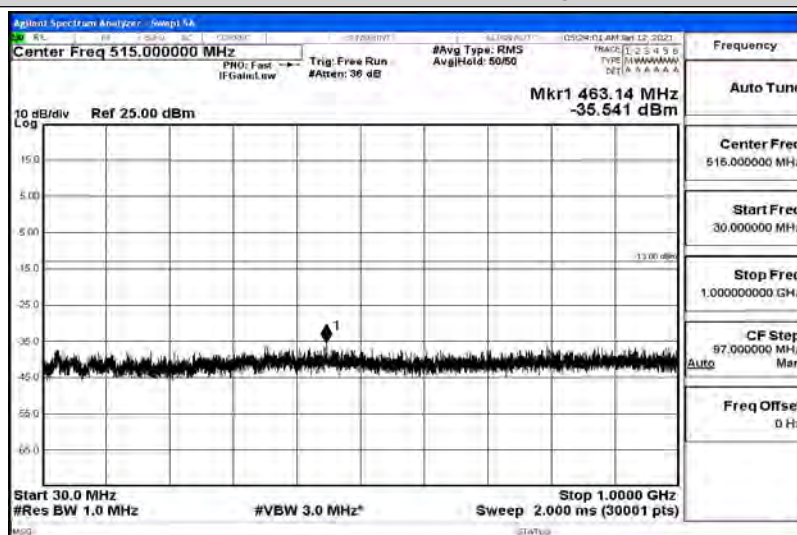
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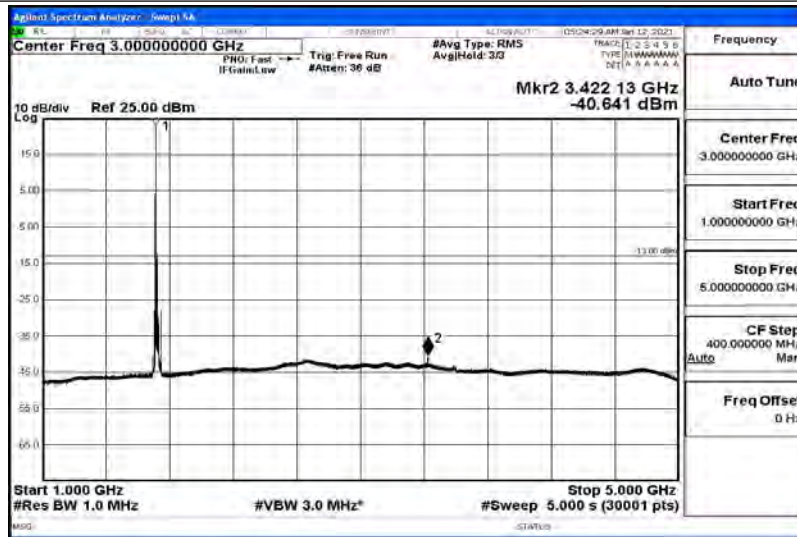
Band66-20MHz-16QAM-132072-1RB#0-Range2:0.15~30MHz



Band66-20MHz-16QAM-132072-1RB#0-Range3:30~1000MHz



Band66-20MHz-16QAM-132072-1RB#0-Range4:1000~5000MHz



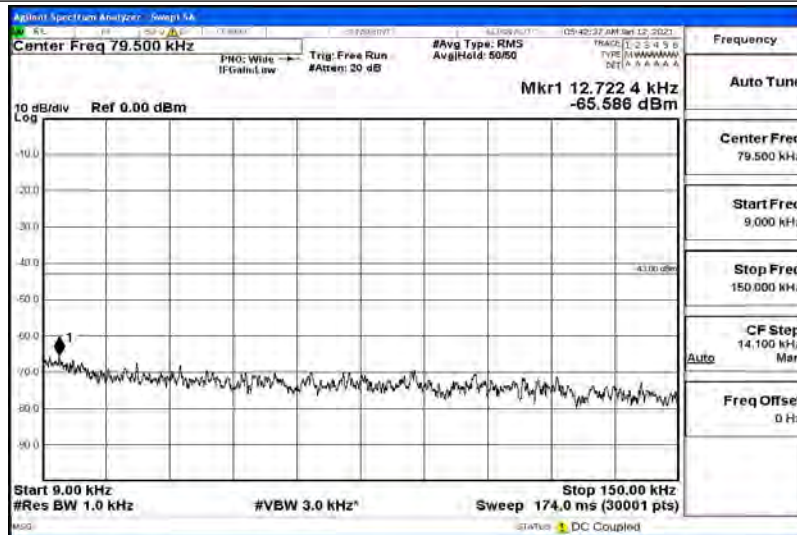
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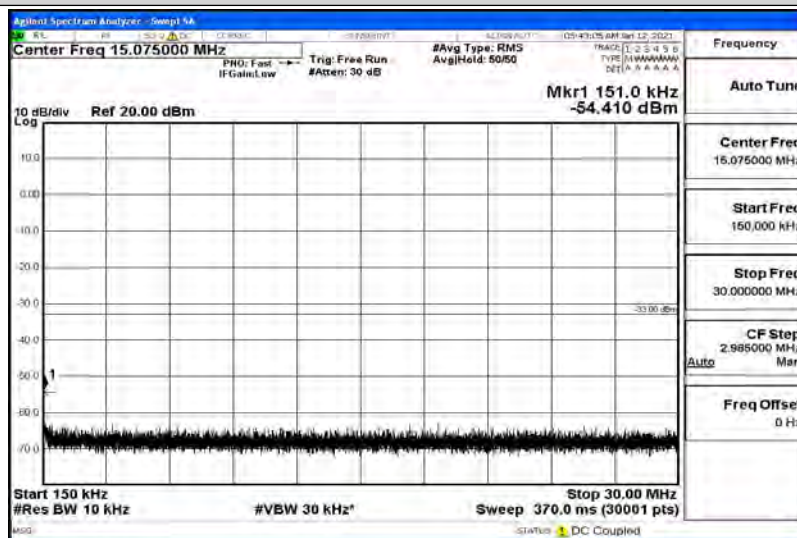
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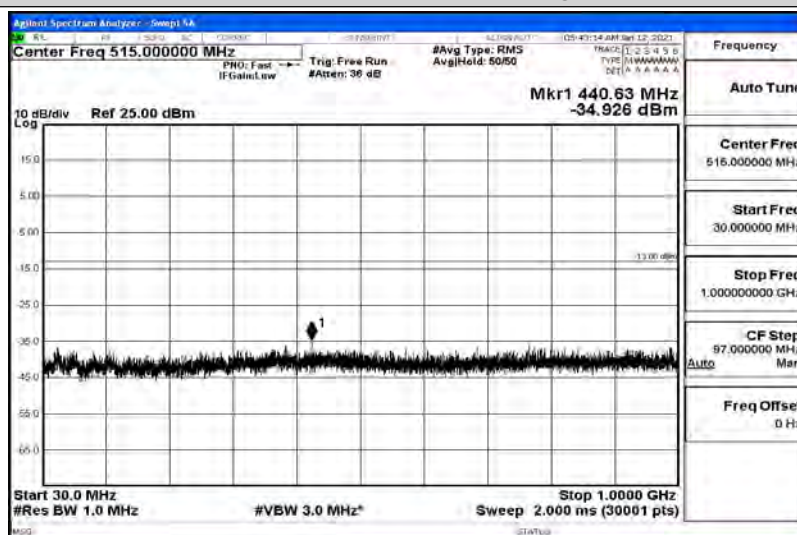
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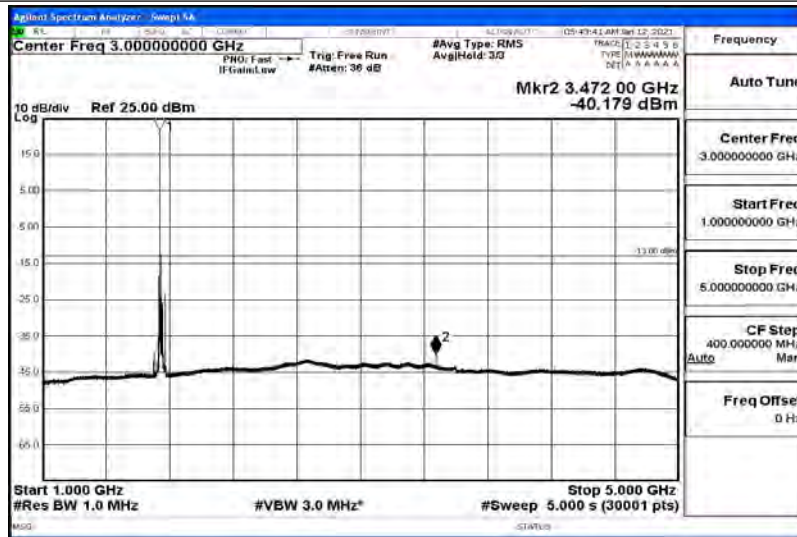
Band66-20MHz-16QAM-132322-1RB#0-Range2:0.15~30MHz



Band66-20MHz-16QAM-132322-1RB#0-Range3:30~1000MHz



Band66-20MHz-16QAM-132322-1RB#0-Range4:1000~5000MHz



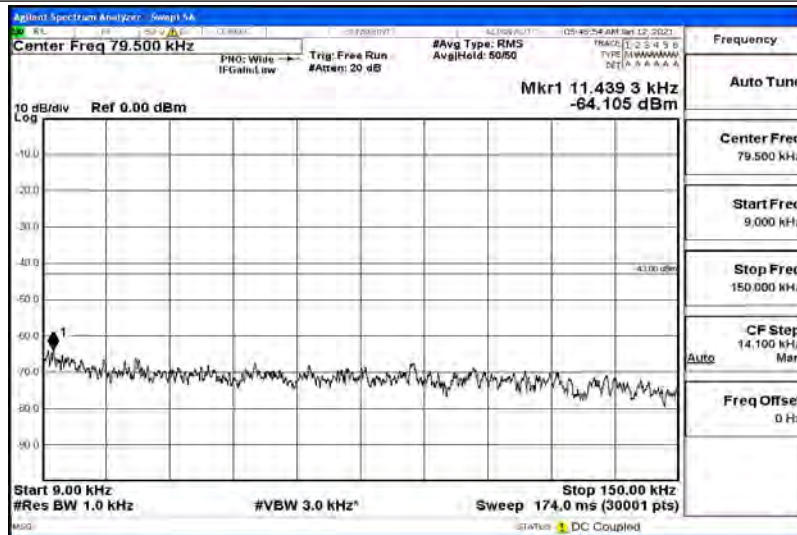
Band66-20MHz-16QAM-132322-1RB#0-Range5:5000~12000MHz



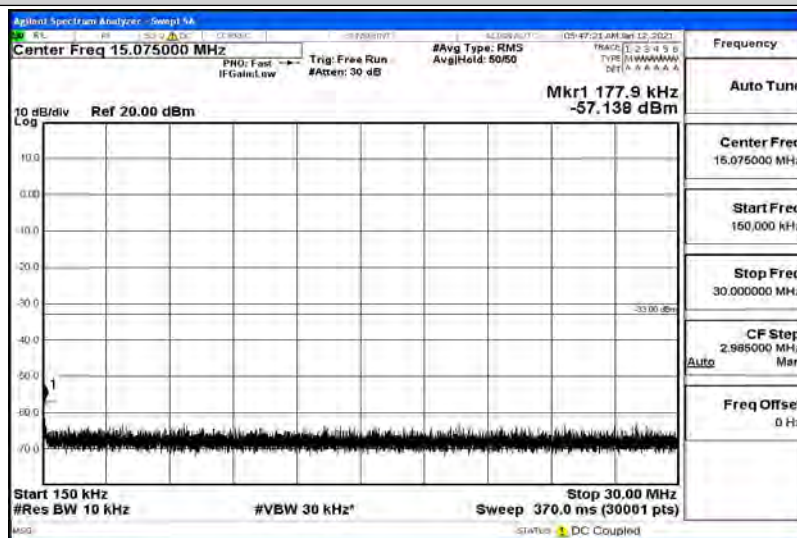
Band66-20MHz-16QAM-132322-1RB#0-Range6:12000~26500MHz



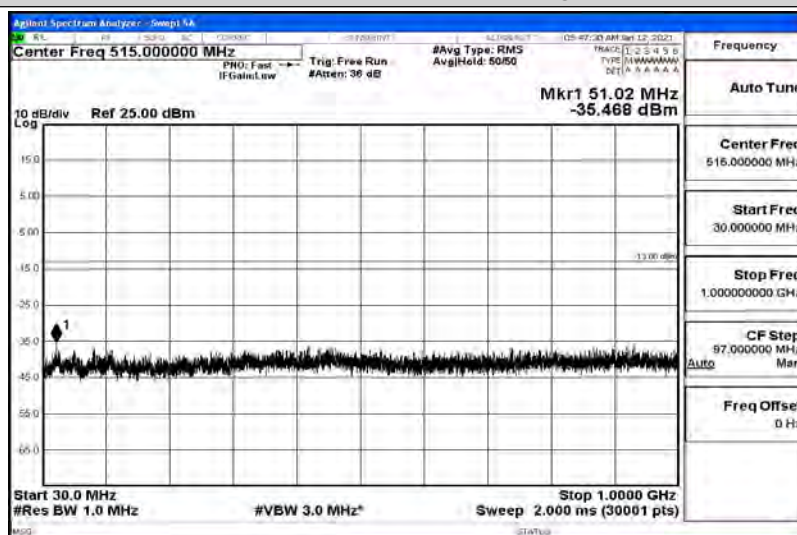
Band66-20MHz-16QAM-132572-1RB#0-Range1:0.009~0.15MHz



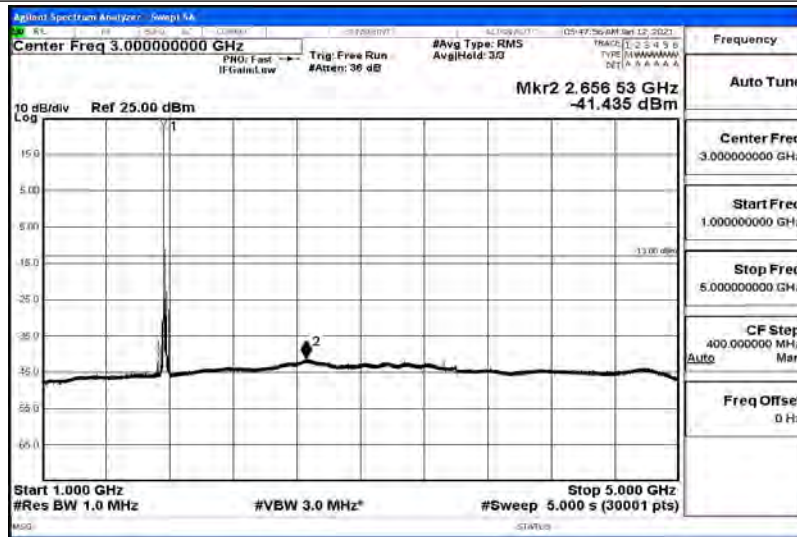
Band66-20MHz-16QAM-132572-1RB#0-Range2:0.15~30MHz



Band66-20MHz-16QAM-132572-1RB#0-Range3:30~1000MHz



Band66-20MHz-16QAM-132572-1RB#0-Range4:1000~5000MHz



Band66-20MHz-16QAM-132572-1RB#0-Range5:5000~12000MHz



Band66-20MHz-16QAM-132572-1RB#0-Range6:12000~26500MHz

