

1: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(ERP) (dBm)	Limit (dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	21.41	22.26	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#12	21.26	22.11	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#24	20.28	21.13	34.77	PASS
Band17	5MHz	QPSK	23755	12RB#0	20.16	21.01	34.77	PASS
Band17	5MHz	QPSK	23755	12RB#6	19.78	20.63	34.77	PASS
Band17	5MHz	QPSK	23755	12RB#13	19.58	20.43	34.77	PASS
Band17	5MHz	QPSK	23755	25RB#0	19.49	20.34	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#0	20.71	21.56	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#12	20.66	21.51	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#24	20.73	21.58	34.77	PASS
Band17	5MHz	QPSK	23790	12RB#0	19.64	20.49	34.77	PASS
Band17	5MHz	QPSK	23790	12RB#6	19.48	20.33	34.77	PASS
Band17	5MHz	QPSK	23790	12RB#13	19.30	20.15	34.77	PASS
Band17	5MHz	QPSK	23790	25RB#0	19.23	20.08	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#0	20.30	21.15	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#12	21.24	22.09	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#24	20.17	21.02	34.77	PASS
Band17	5MHz	QPSK	23825	12RB#0	19.12	19.97	34.77	PASS
Band17	5MHz	QPSK	23825	12RB#6	19.07	19.92	34.77	PASS
Band17	5MHz	QPSK	23825	12RB#13	18.61	19.46	34.77	PASS
Band17	5MHz	QPSK	23825	25RB#0	18.75	19.6	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#0	20.29	21.14	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#12	20.02	20.87	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#24	20.95	21.8	34.77	PASS
Band17	5MHz	16QAM	23755	12RB#0	18.99	19.84	34.77	PASS
Band17	5MHz	16QAM	23755	12RB#6	18.76	19.61	34.77	PASS
Band17	5MHz	16QAM	23755	12RB#13	18.59	19.44	34.77	PASS
Band17	5MHz	16QAM	23755	25RB#0	18.45	19.3	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#0	19.53	20.38	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#12	20.89	21.74	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#24	20.23	21.08	34.77	PASS

Band17	5MHz	16QAM	23790	12RB#0	18.63	19.48	34.77	PASS
Band17	5MHz	16QAM	23790	12RB#6	18.51	19.36	34.77	PASS
Band17	5MHz	16QAM	23790	12RB#13	18.33	19.18	34.77	PASS
Band17	5MHz	16QAM	23790	25RB#0	18.20	19.05	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#0	19.16	20.01	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#12	19.76	20.61	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#24	18.99	19.84	34.77	PASS
Band17	5MHz	16QAM	23825	12RB#0	18.22	19.07	34.77	PASS
Band17	5MHz	16QAM	23825	12RB#6	18.14	18.99	34.77	PASS
Band17	5MHz	16QAM	23825	12RB#13	17.61	18.46	34.77	PASS
Band17	5MHz	16QAM	23825	25RB#0	17.72	18.57	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#0	20.43	21.28	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#24	20.45	21.3	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#49	20.08	20.93	34.77	PASS
Band17	10MHz	QPSK	23780	25RB#0	18.94	19.79	34.77	PASS
Band17	10MHz	QPSK	23780	25RB#12	18.97	19.82	34.77	PASS
Band17	10MHz	QPSK	23780	25RB#25	18.95	19.8	34.77	PASS
Band17	10MHz	QPSK	23780	50RB#0	19.00	19.85	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#0	21.47	22.32	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#24	21.15	22	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#49	21.34	22.19	34.77	PASS
Band17	10MHz	QPSK	23790	25RB#0	19.50	20.35	34.77	PASS
Band17	10MHz	QPSK	23790	25RB#12	19.38	20.23	34.77	PASS
Band17	10MHz	QPSK	23790	25RB#25	19.27	20.12	34.77	PASS
Band17	10MHz	QPSK	23790	50RB#0	19.07	19.92	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#0	21.37	22.22	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#24	20.92	21.77	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#49	19.98	20.83	34.77	PASS
Band17	10MHz	QPSK	23800	25RB#0	19.22	20.07	34.77	PASS
Band17	10MHz	QPSK	23800	25RB#12	19.22	20.07	34.77	PASS
Band17	10MHz	QPSK	23800	25RB#25	19.26	20.11	34.77	PASS
Band17	10MHz	QPSK	23800	50RB#0	19.22	20.07	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#0	19.37	20.22	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#24	19.41	20.26	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#49	18.98	19.83	34.77	PASS
Band17	10MHz	16QAM	23780	25RB#0	17.95	18.8	34.77	PASS
Band17	10MHz	16QAM	23780	25RB#12	17.95	18.8	34.77	PASS

Band17	10MHz	16QAM	23780	25RB#25	18.22	19.07	34.77	PASS
Band17	10MHz	16QAM	23780	50RB#0	19.26	20.11	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#0	19.85	20.7	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#24	19.57	20.42	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#49	19.56	20.41	34.77	PASS
Band17	10MHz	16QAM	23790	25RB#0	18.46	19.31	34.77	PASS
Band17	10MHz	16QAM	23790	25RB#12	18.33	19.18	34.77	PASS
Band17	10MHz	16QAM	23790	25RB#25	18.24	19.09	34.77	PASS
Band17	10MHz	16QAM	23790	50RB#0	19.13	19.98	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#0	19.93	20.78	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#24	19.76	20.61	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#49	18.75	19.6	34.77	PASS
Band17	10MHz	16QAM	23800	25RB#0	18.23	19.08	34.77	PASS
Band17	10MHz	16QAM	23800	25RB#12	18.17	19.02	34.77	PASS
Band17	10MHz	16QAM	23800	25RB#25	18.70	19.55	34.77	PASS
Band17	10MHz	16QAM	23800	50RB#0	19.63	20.48	34.77	PASS

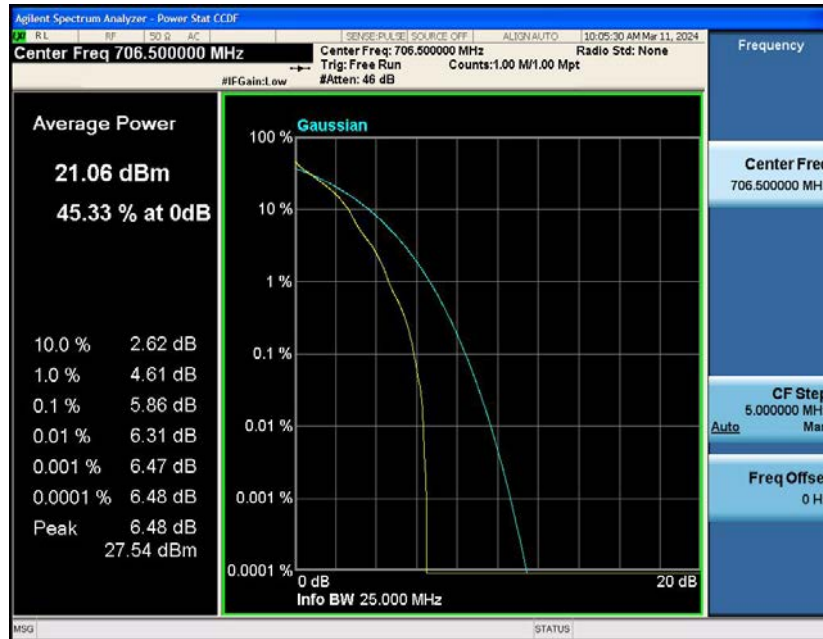
2: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	5.86	13	PASS
Band17	5MHz	QPSK	23755	25RB#0	8.45	13	PASS
Band17	5MHz	QPSK	23790	1RB#0	5.46	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	5.75	13	PASS
Band17	5MHz	QPSK	23825	1RB#0	5.82	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	5.76	13	PASS
Band17	5MHz	16QAM	23755	1RB#0	6.19	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	6.37	13	PASS
Band17	5MHz	16QAM	23790	1RB#0	5.84	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	6.39	13	PASS
Band17	5MHz	16QAM	23825	1RB#0	6.22	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	6.32	13	PASS
Band17	10MHz	QPSK	23780	1RB#0	5.56	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	5.70	13	PASS
Band17	10MHz	QPSK	23790	1RB#0	5.33	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.62	13	PASS
Band17	10MHz	QPSK	23800	1RB#0	5.35	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.44	13	PASS
Band17	10MHz	16QAM	23780	1RB#0	6.48	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.43	13	PASS
Band17	10MHz	16QAM	23790	1RB#0	6.06	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.41	13	PASS
Band17	10MHz	16QAM	23800	1RB#0	6.56	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.44	13	PASS

Test Graphs

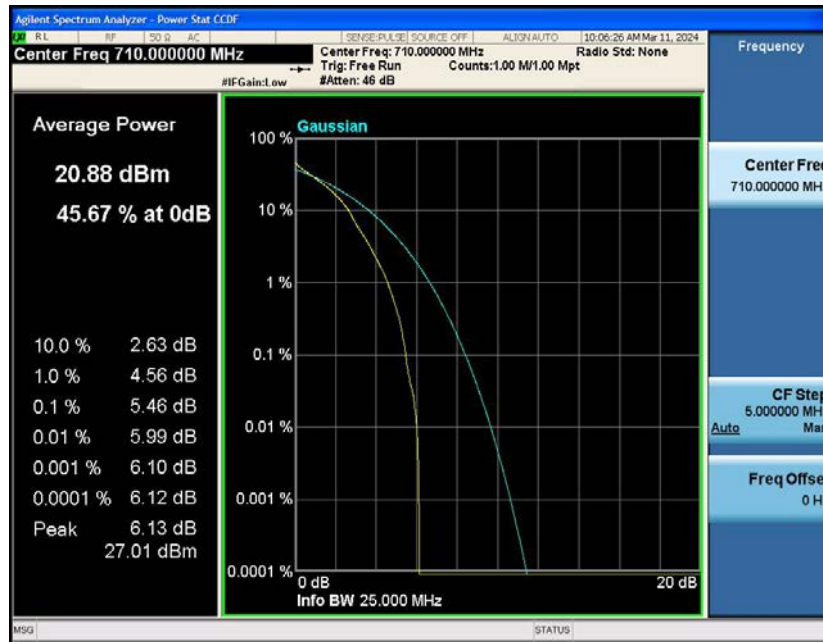
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Band17-5MHz-QPSK-23755-25RB#0



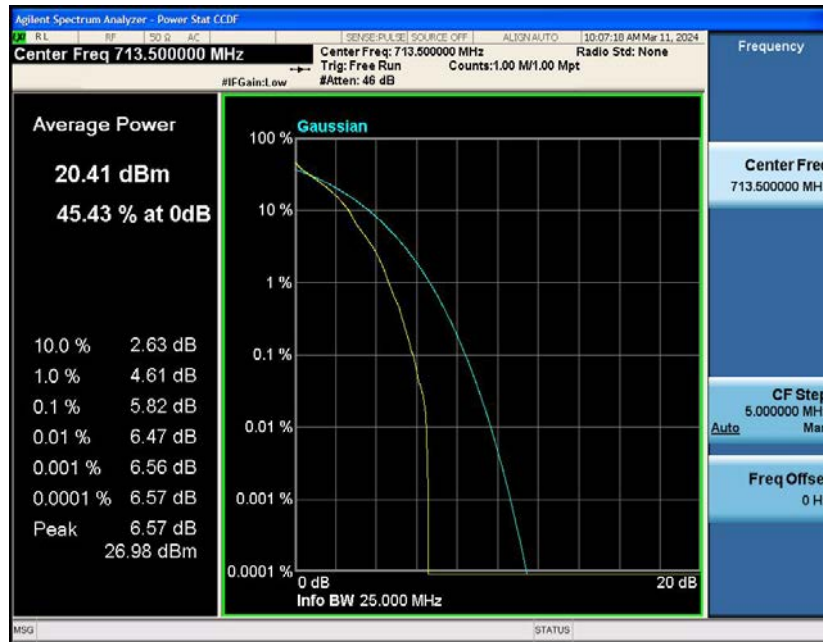
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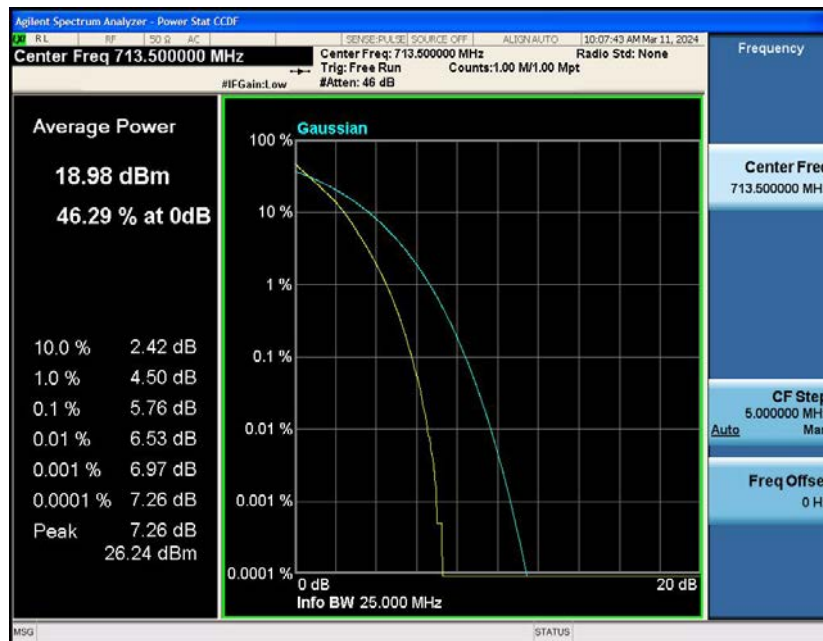
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Band17-5MHz-QPSK-23825-1RB#0



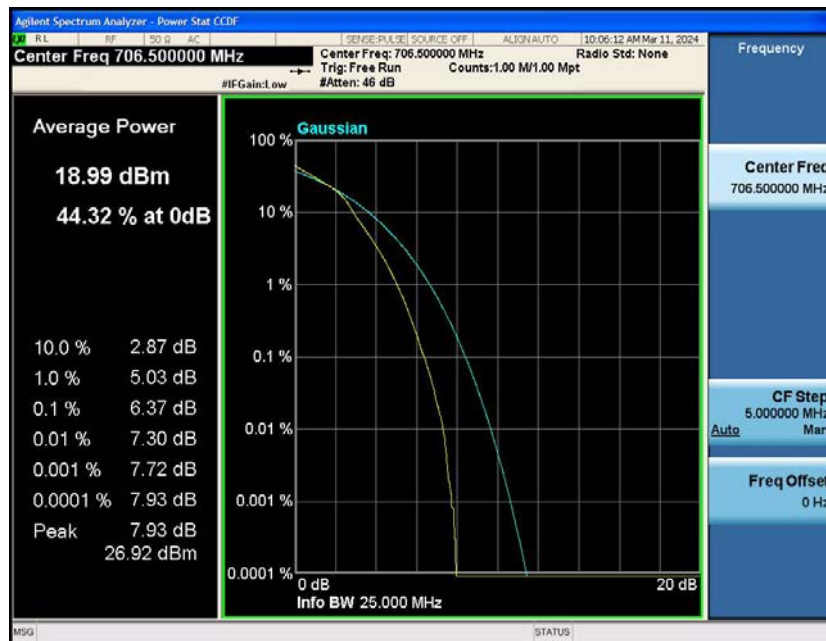
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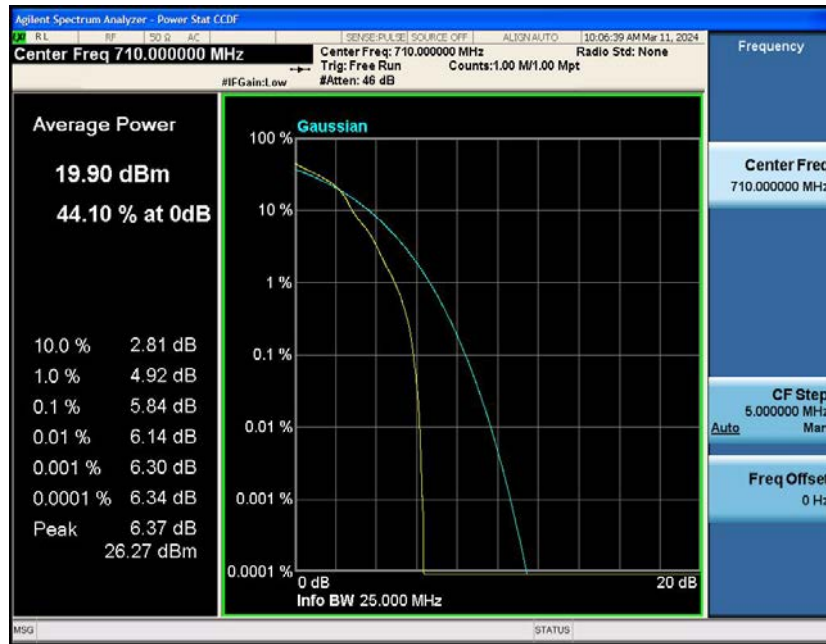
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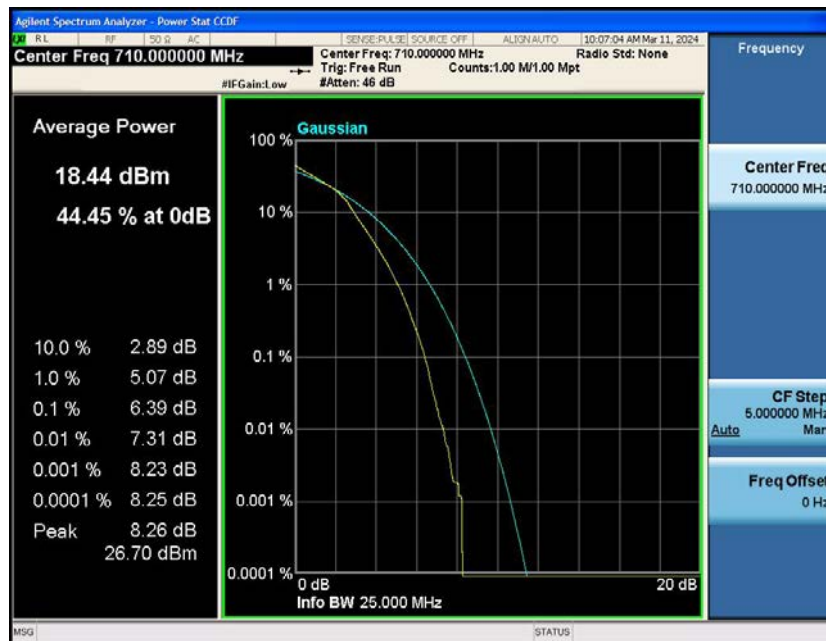
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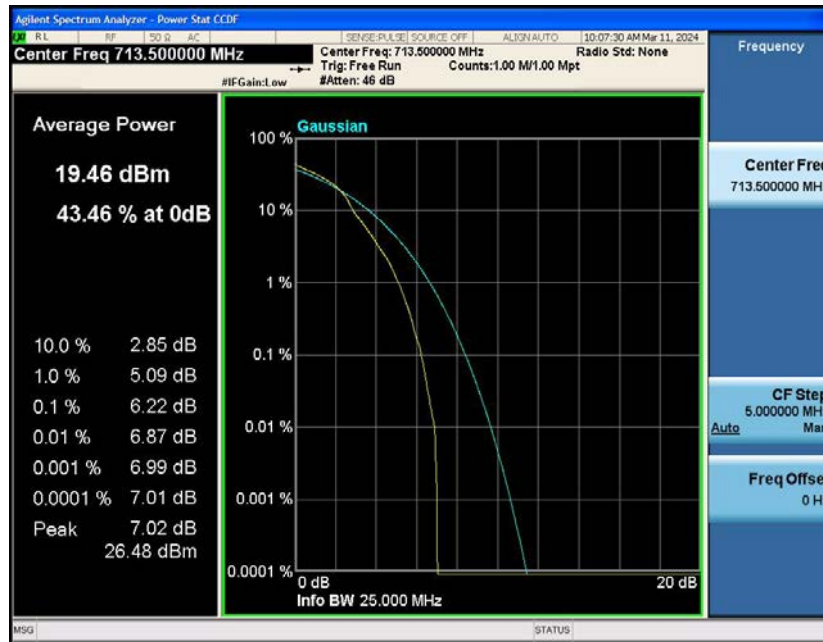
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Band17-5MHz-16QAM-23790-25RB#0



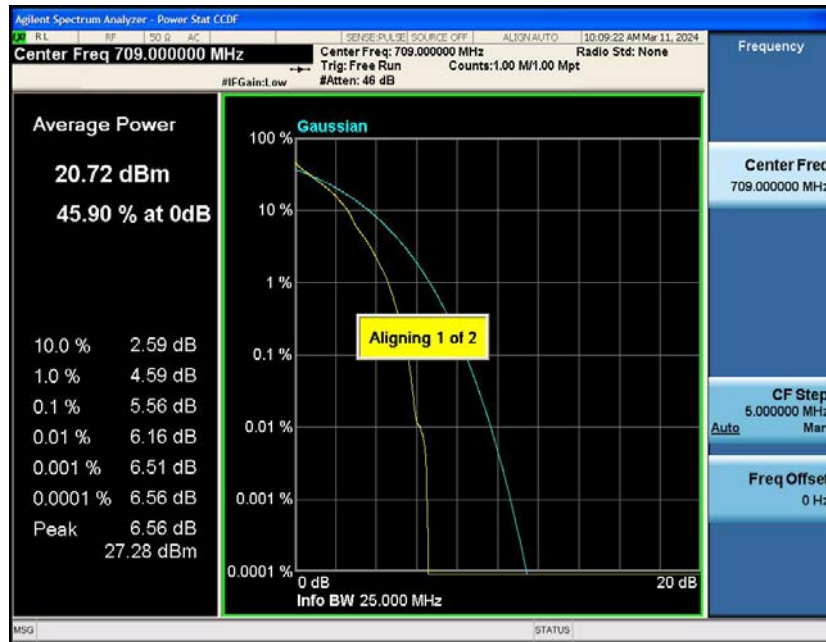
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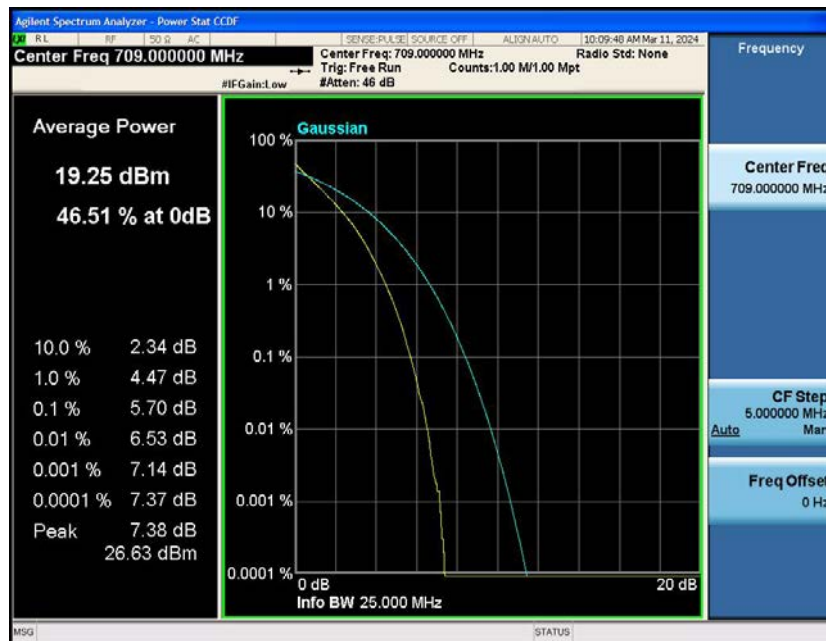
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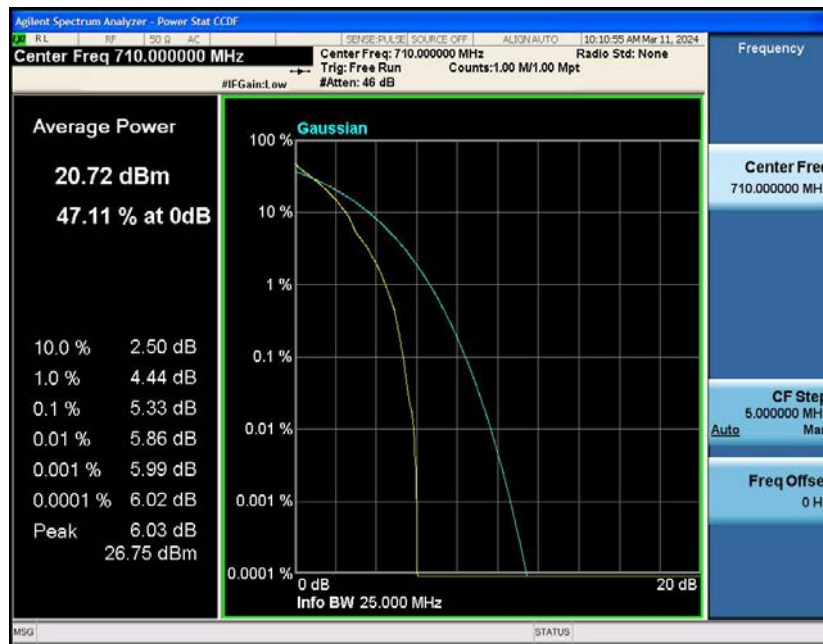
Band17-10MHz-QPSK-23780-1RB#0



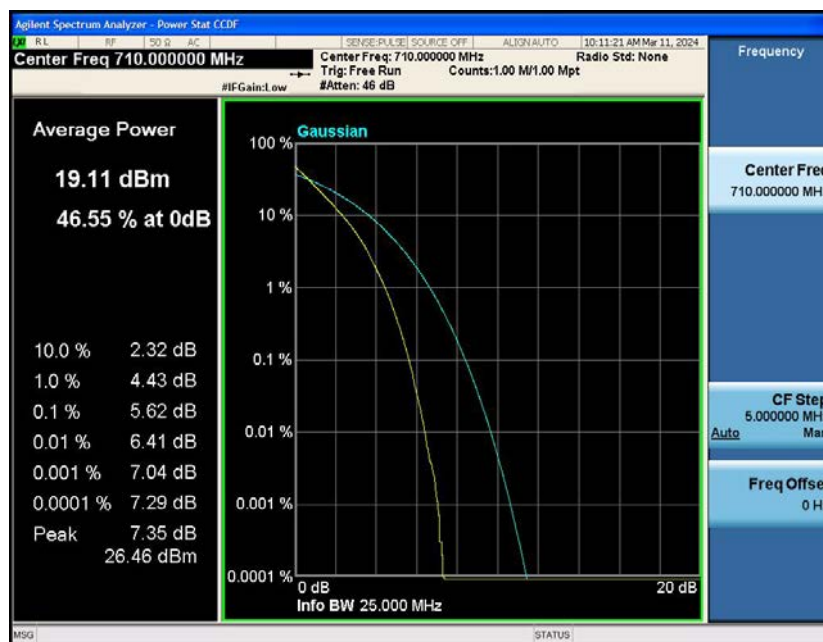
Band17-10MHz-QPSK-23780-50RB#0



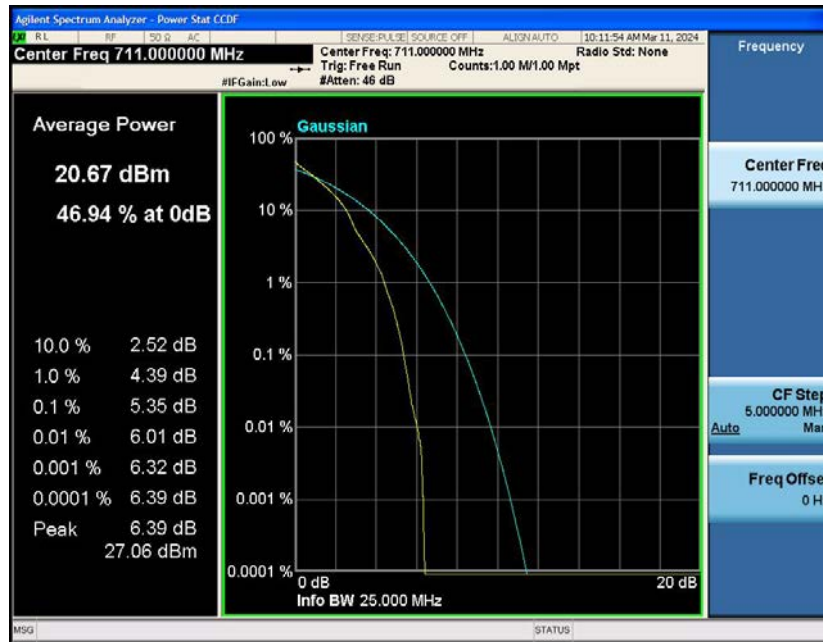
Band17-10MHz-QPSK-23790-1RB#0



Band17-10MHz-QPSK-23790-50RB#0



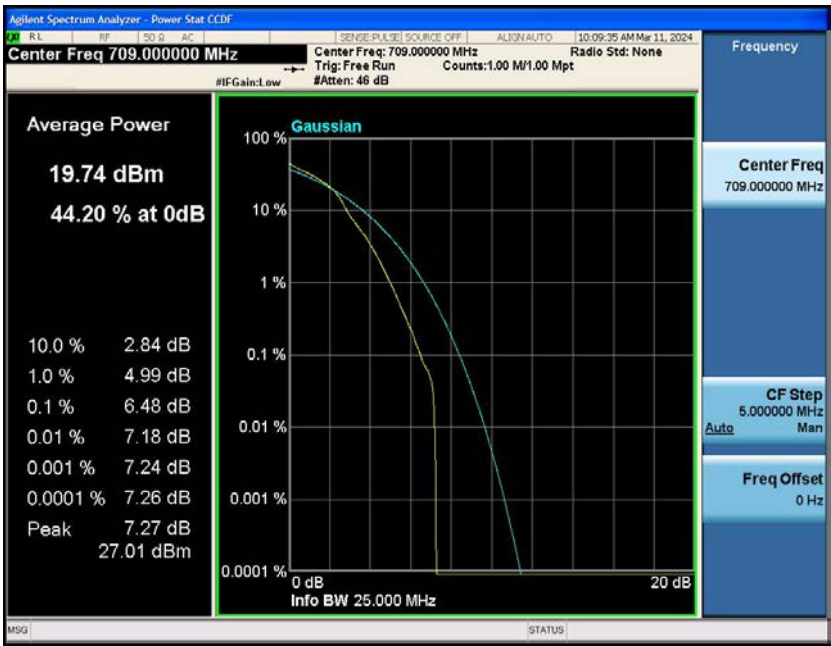
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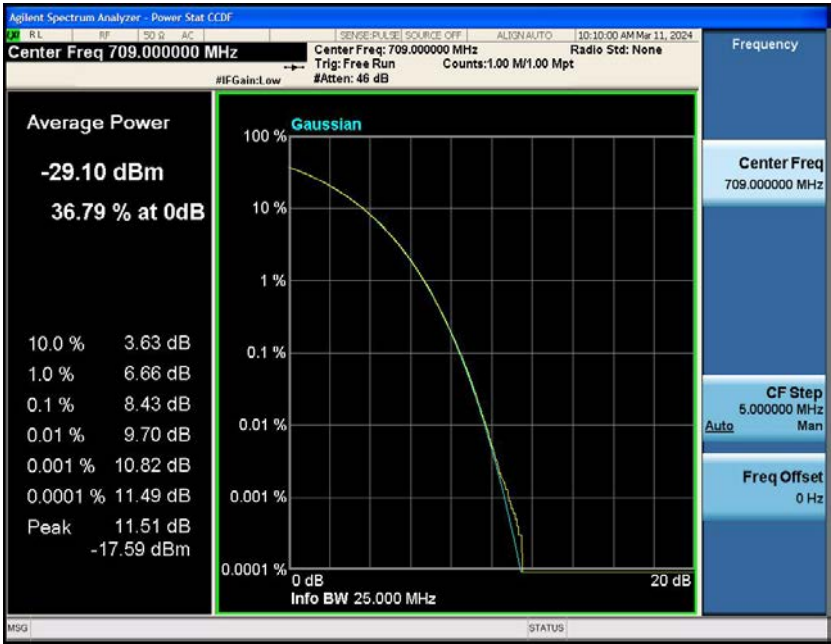
Band17-10MHz-QPSK-23800-50RB#0



Band17-10MHz-16QAM-23780-1RB#0



Band17-10MHz-16QAM-23780-50RB#0



Band17-10MHz-16QAM-23790-1RB#0



Band17-10MHz-16QAM-23790-50RB#0



Band17-10MHz-16QAM-23800-1RB#0



Band17-10MHz-16QAM-23800-50RB#0

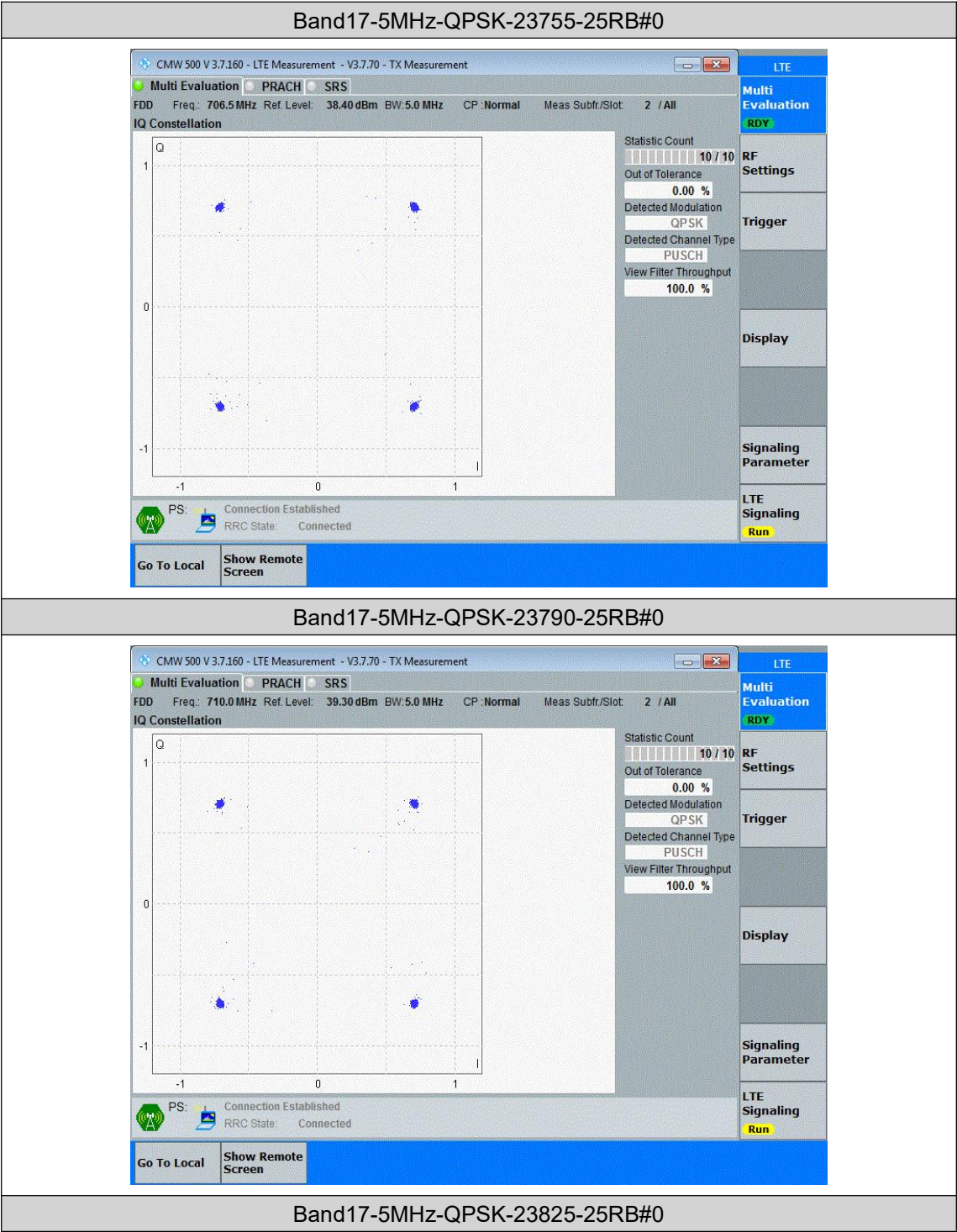


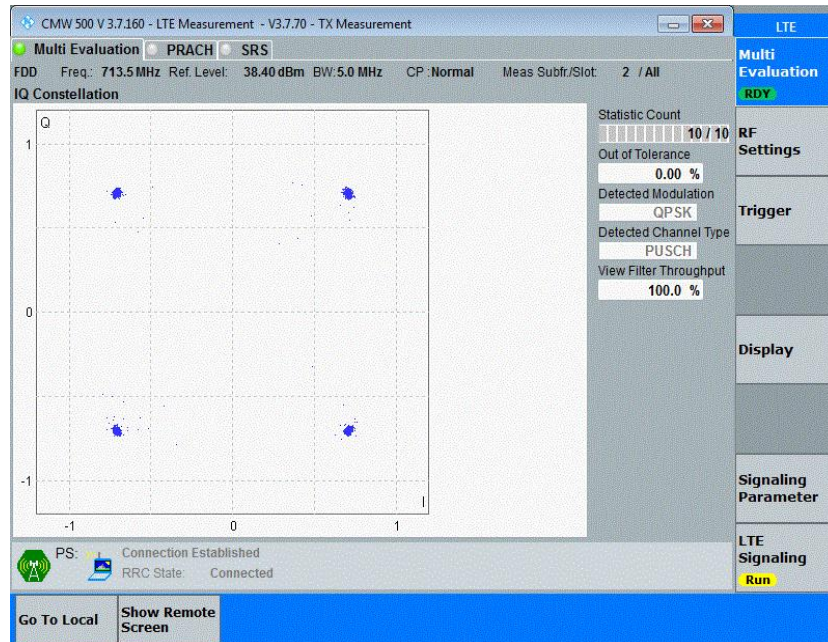
3: Modulation Characteristics

Test Result

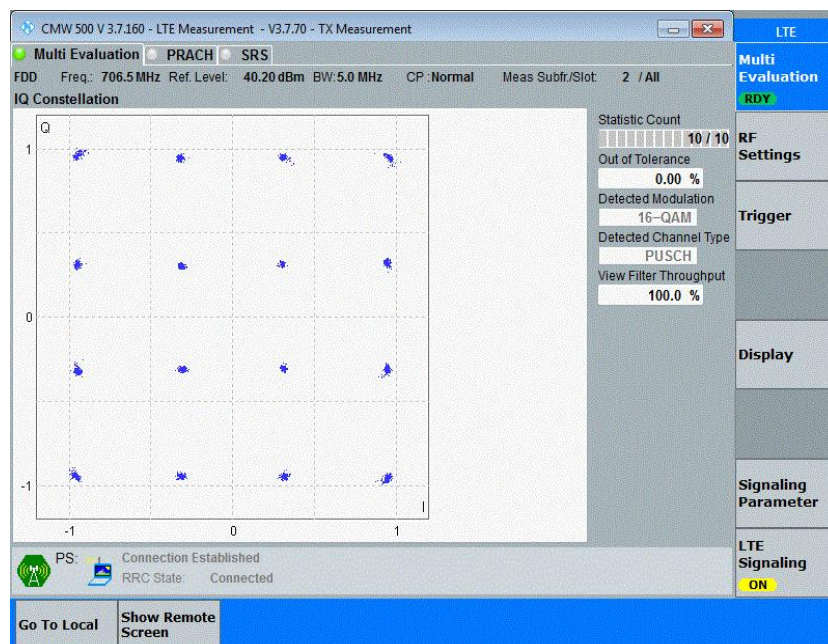
Band	Channel	Result	Verdict
Band17	23755	PASS	PASS
Band17	23790	PASS	PASS
Band17	23825	PASS	PASS
Band17	23755	PASS	PASS
Band17	23790	PASS	PASS
Band17	23825	PASS	PASS
Band17	23780	PASS	PASS
Band17	23790	PASS	PASS
Band17	23800	PASS	PASS
Band17	23780	PASS	PASS
Band17	23790	PASS	PASS
Band17	23800	PASS	PASS

Test Graphs

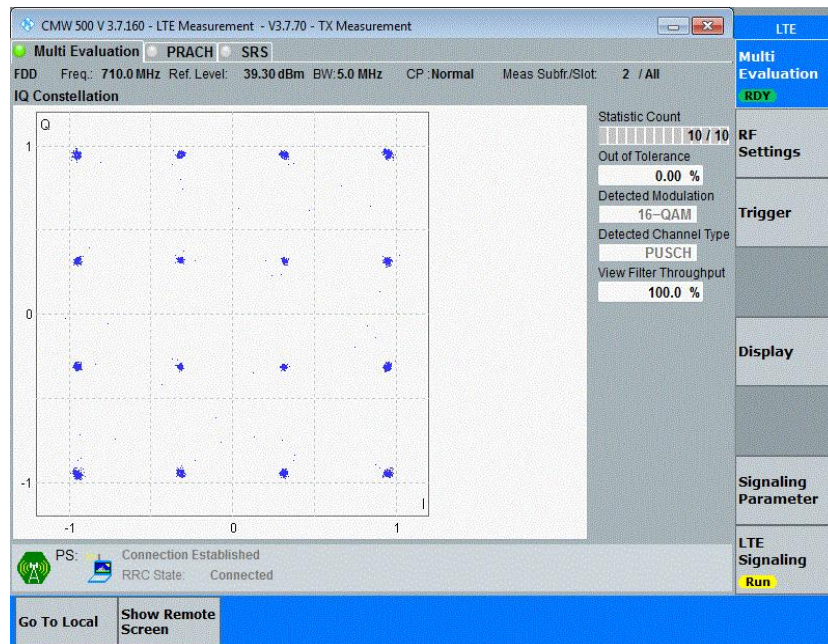




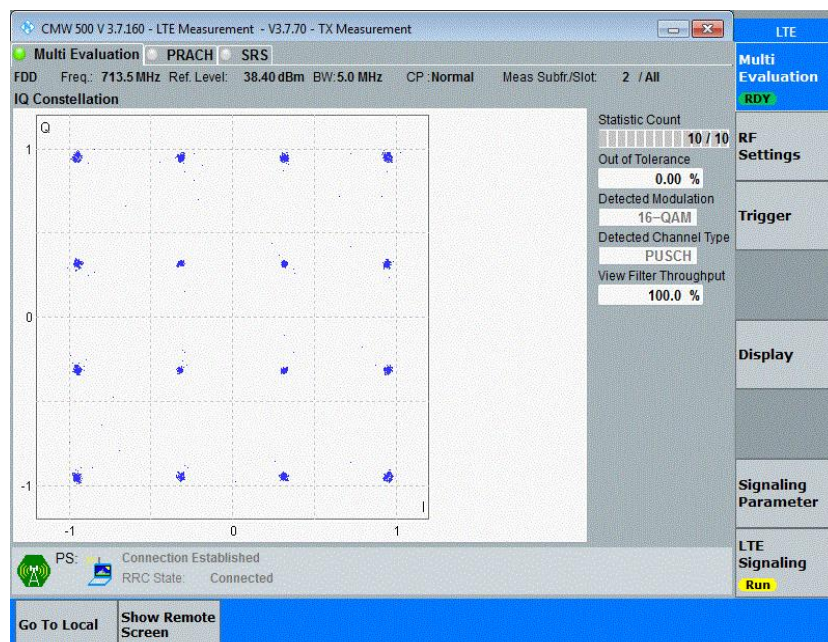
Band17-5MHz-16QAM-23755-25RB#0



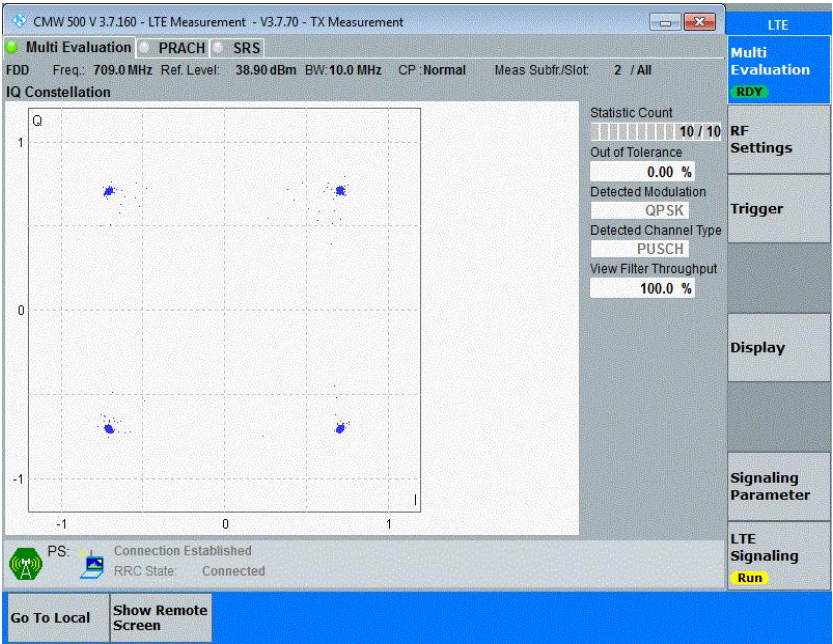
Band17-5MHz-16QAM-23790-25RB#0



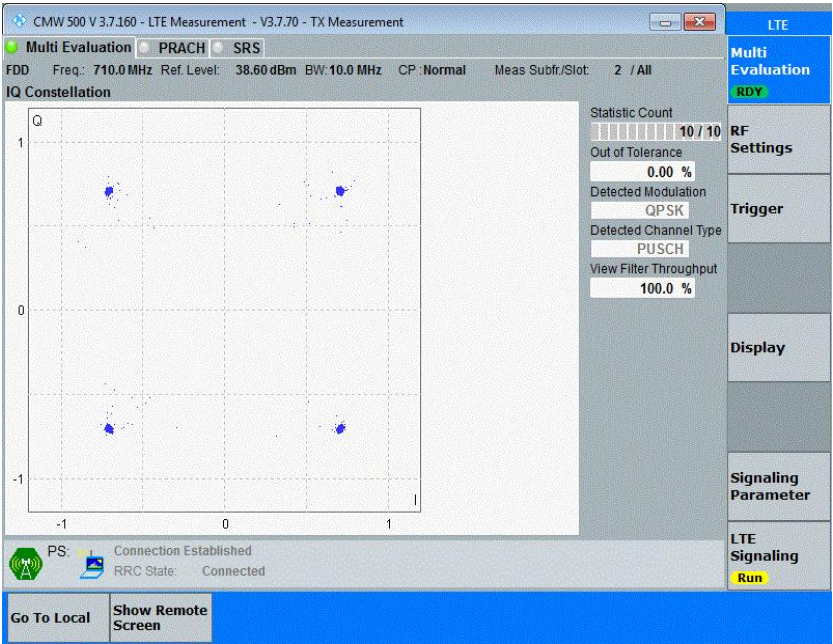
Band17-5MHz-16QAM-23825-25RB#0



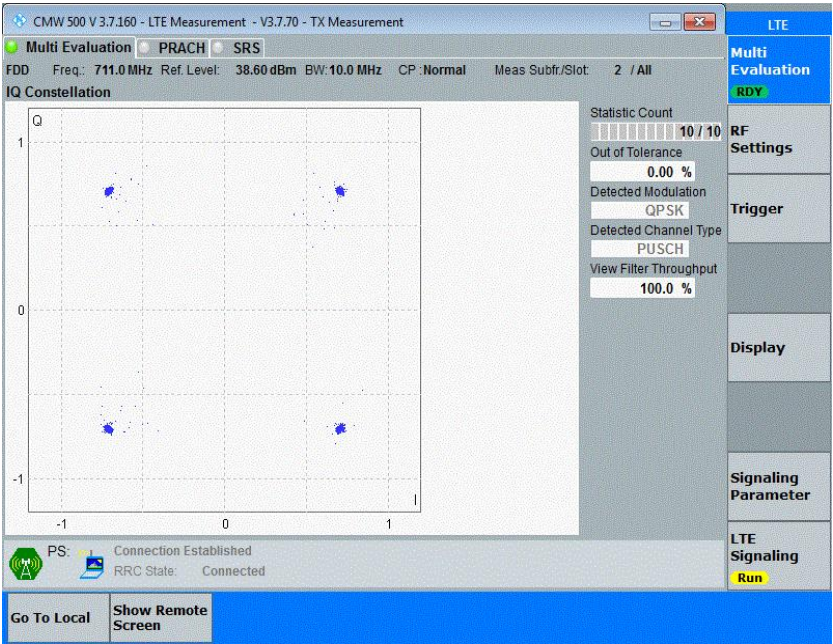
Band17-10MHz-QPSK-23780-50RB#0



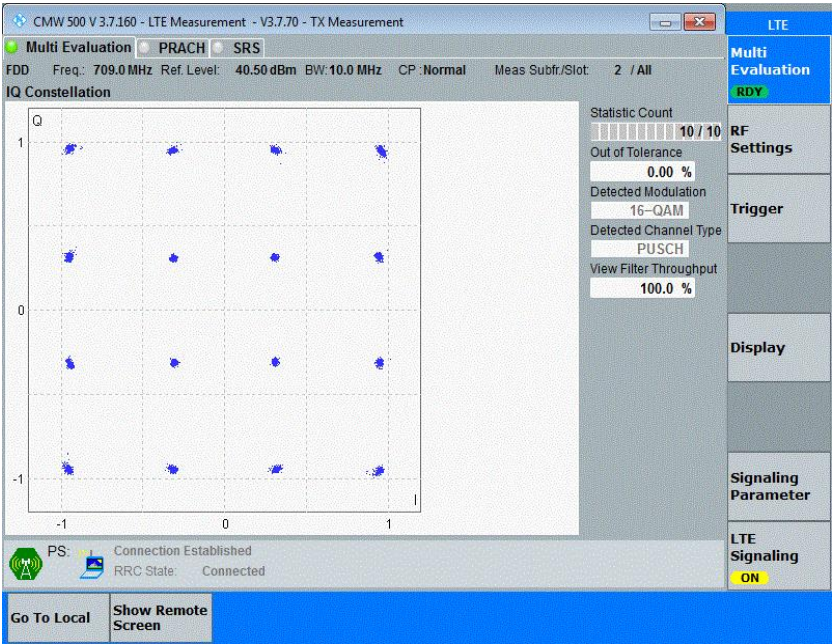
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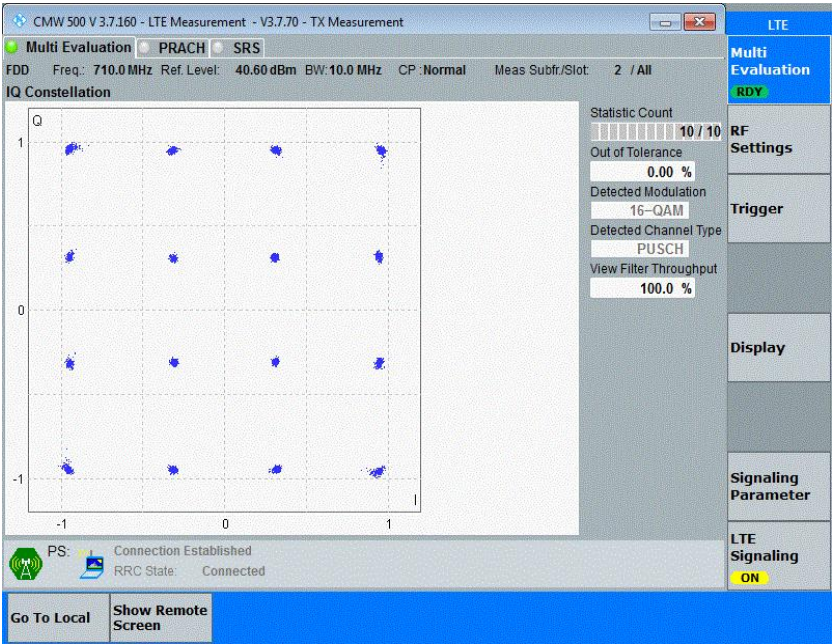
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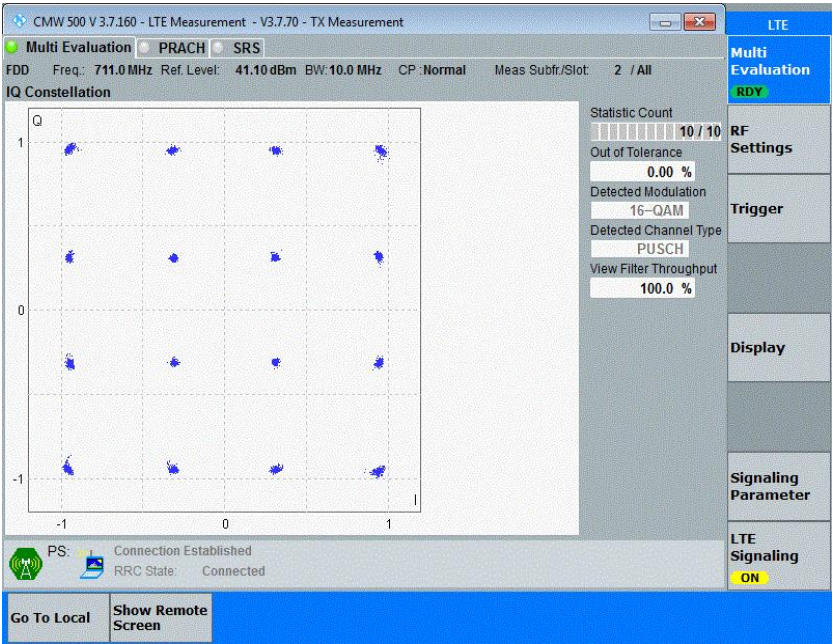
Band17-10MHz-16QAM-23780-50RB#0



Band17-10MHz-16QAM-23790-50RB#0



Band17-10MHz-16QAM-23800-50RB#0



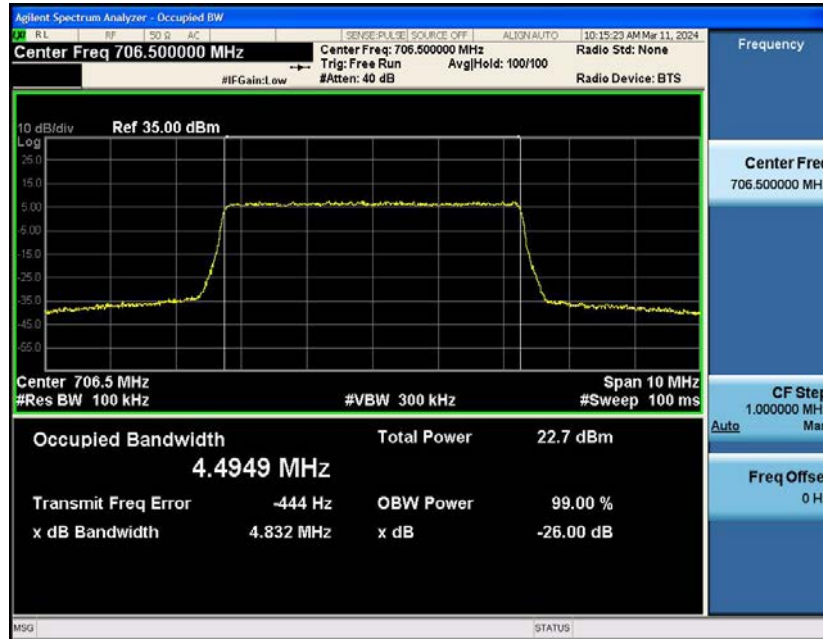
4: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.4949	4.832	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.4958	4.836	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.4952	4.855	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5011	4.838	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.4955	4.813	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.4959	4.806	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9616	9.540	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9525	9.511	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9490	9.513	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9653	9.501	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9520	9.509	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9508	9.507	PASS

Test Graphs

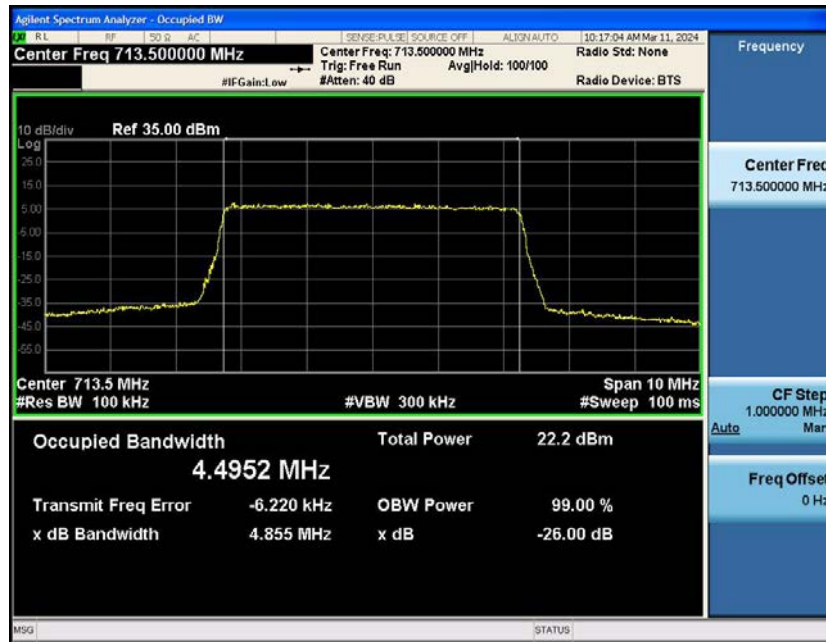
Band17-5MHz-QPSK-23755-25RB#0



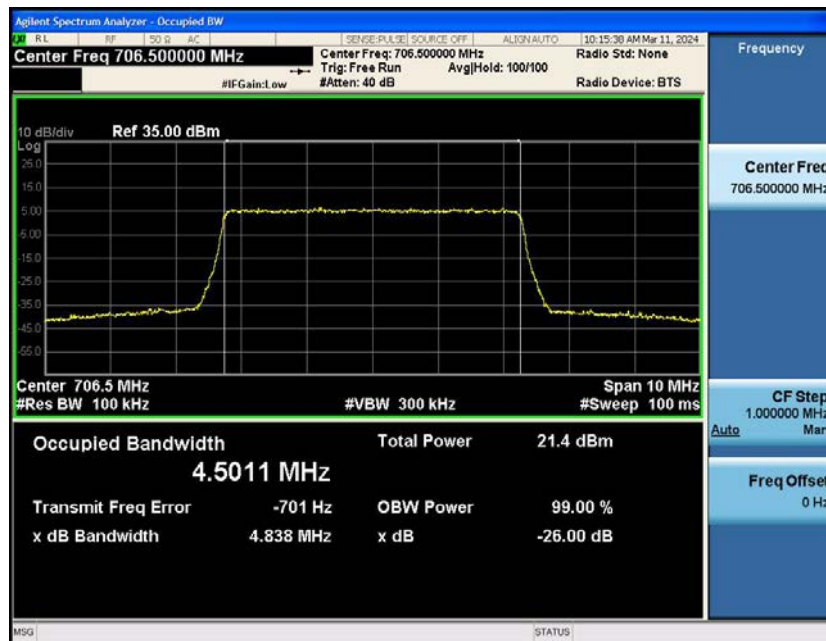
Band17-5MHz-QPSK-23790-25RB#0



Band17-5MHz-QPSK-23825-25RB#0



Band17-5MHz-16QAM-23755-25RB#0



Band17-5MHz-16QAM-23790-25RB#0



Band17-5MHz-16QAM-23825-25RB#0



Band17-10MHz-QPSK-23780-50RB#0



Band17-10MHz-QPSK-23790-50RB#0



Band17-10MHz-QPSK-23800-50RB#0



Band17-10MHz-16QAM-23780-50RB#0



Band17-10MHz-16QAM-23790-50RB#0



Band17-10MHz-16QAM-23800-50RB#0

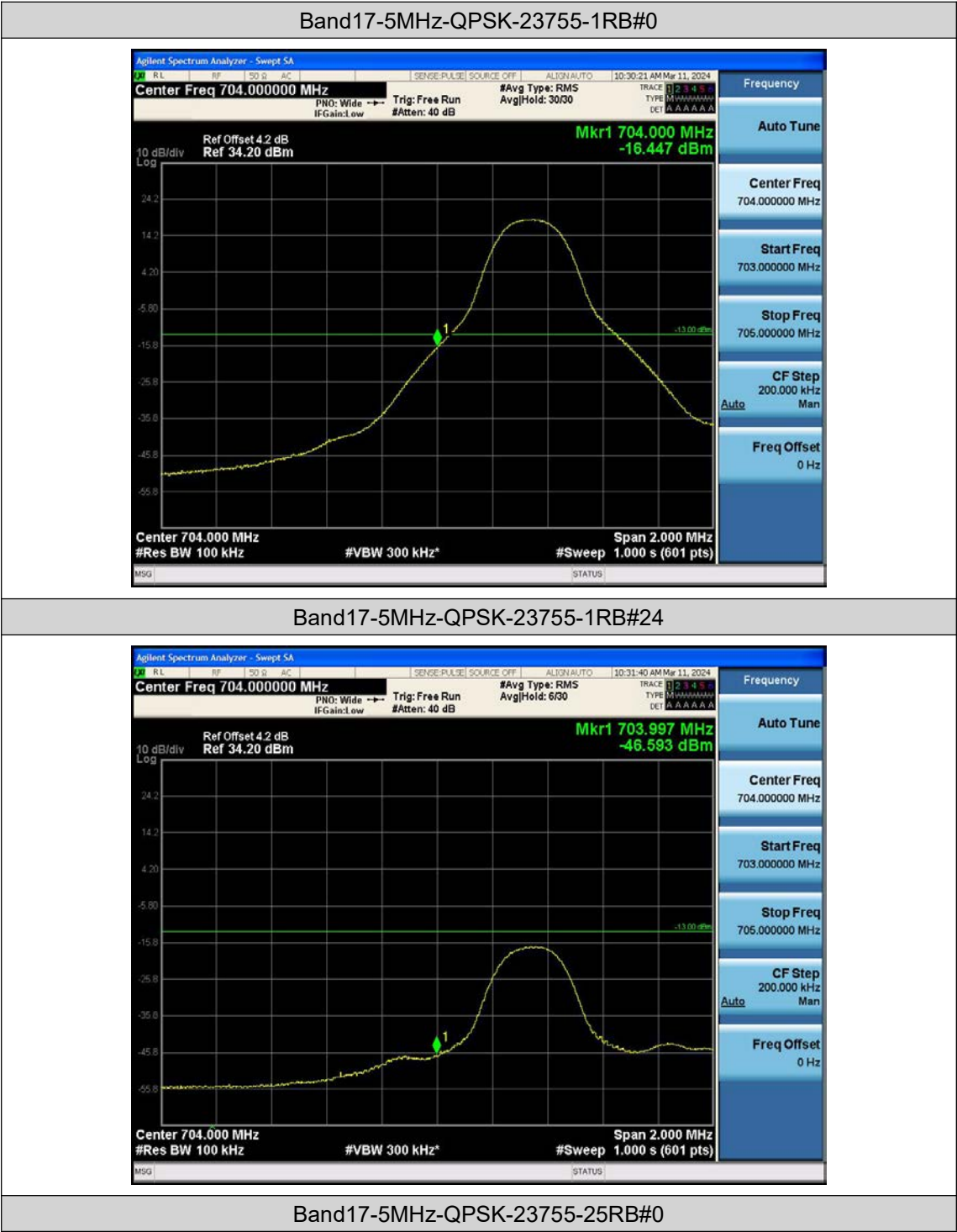


5: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	-16.45	PASS
Band17	5MHz	QPSK	23755	1RB#24	-46.59	PASS
Band17	5MHz	QPSK	23755	25RB#0	-30.55	PASS
Band17	5MHz	QPSK	23825	1RB#0	-47.45	PASS
Band17	5MHz	QPSK	23825	1RB#24	-17.65	PASS
Band17	5MHz	QPSK	23825	25RB#0	-31.80	PASS
Band17	5MHz	16QAM	23755	1RB#0	-17.03	PASS
Band17	5MHz	16QAM	23755	1RB#24	-47.80	PASS
Band17	5MHz	16QAM	23755	25RB#0	-30.79	PASS
Band17	5MHz	16QAM	23825	1RB#0	-48.84	PASS
Band17	5MHz	16QAM	23825	1RB#24	-18.20	PASS
Band17	5MHz	16QAM	23825	25RB#0	-32.12	PASS
Band17	10MHz	QPSK	23780	1RB#0	-25.13,-19.57	PASS
Band17	10MHz	QPSK	23780	1RB#49	-42.65,-43.94	PASS
Band17	10MHz	QPSK	23780	50RB#0	-37.57,-35.07	PASS
Band17	10MHz	QPSK	23800	1RB#0	-46.44,-45.37	PASS
Band17	10MHz	QPSK	23800	1RB#49	-20.99,-26.68	PASS
Band17	10MHz	QPSK	23800	50RB#0	-36.44,-37.49	PASS
Band17	10MHz	16QAM	23780	1RB#0	-26.41,-20.86	PASS
Band17	10MHz	16QAM	23780	1RB#49	-42.96,-44.40	PASS
Band17	10MHz	16QAM	23780	50RB#0	-37.56,-34.95	PASS
Band17	10MHz	16QAM	23800	1RB#0	-46.90,-45.80	PASS
Band17	10MHz	16QAM	23800	1RB#49	-20.52,-26.11	PASS
Band17	10MHz	16QAM	23800	50RB#0	-35.34,-37.05	PASS

Test Graphs





Band17-5MHz-QPSK-23825-1RB#0



Band17-5MHz-QPSK-23825-1RB#24



Band17-5MHz-QPSK-23825-25RB#0



Band17-5MHz-16QAM-23755-1RB#0



Band17-5MHz-16QAM-23755-1RB#24



Band17-5MHz-16QAM-23755-25RB#0



Band17-5MHz-16QAM-23825-1RB#0



Band17-5MHz-16QAM-23825-1RB#24



Band17-5MHz-16QAM-23825-25RB#0



Band17-10MHz-QPSK-23780-1RB#0



Band17-10MHz-QPSK-23780-1RB#49



Band17-10MHz-QPSK-23780-50RB#0



Band17-10MHz-QPSK-23800-1RB#0



Band17-10MHz-QPSK-23800-1RB#49



Band17-10MHz-QPSK-23800-50RB#0



Band17-10MHz-16QAM-23780-1RB#0



Band17-10MHz-16QAM-23780-1RB#49



Band17-10MHz-16QAM-23780-50RB#0



Band17-10MHz-16QAM-23800-1RB#0



Band17-10MHz-16QAM-23800-1RB#49



Band17-10MHz-16QAM-23800-50RB#0

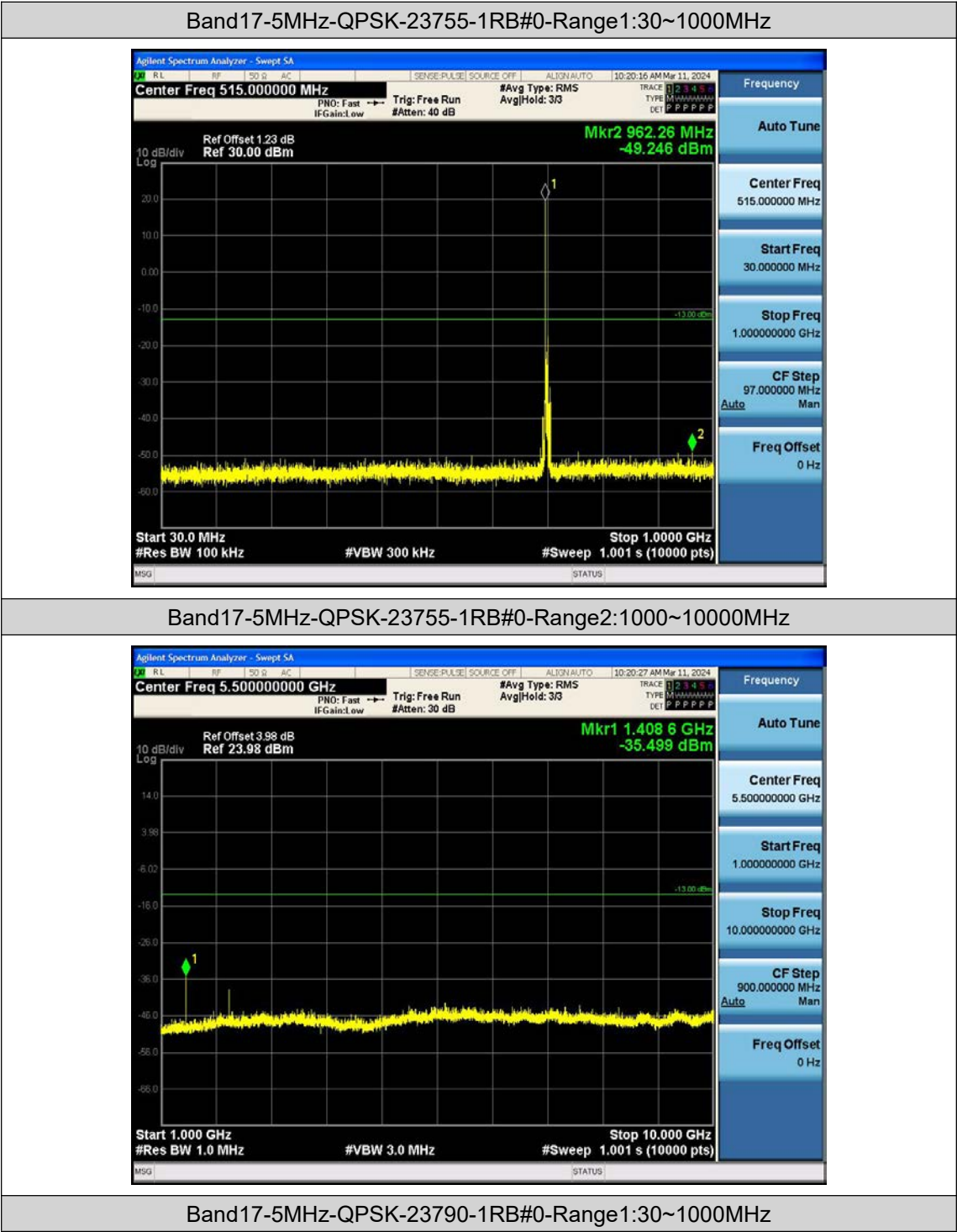


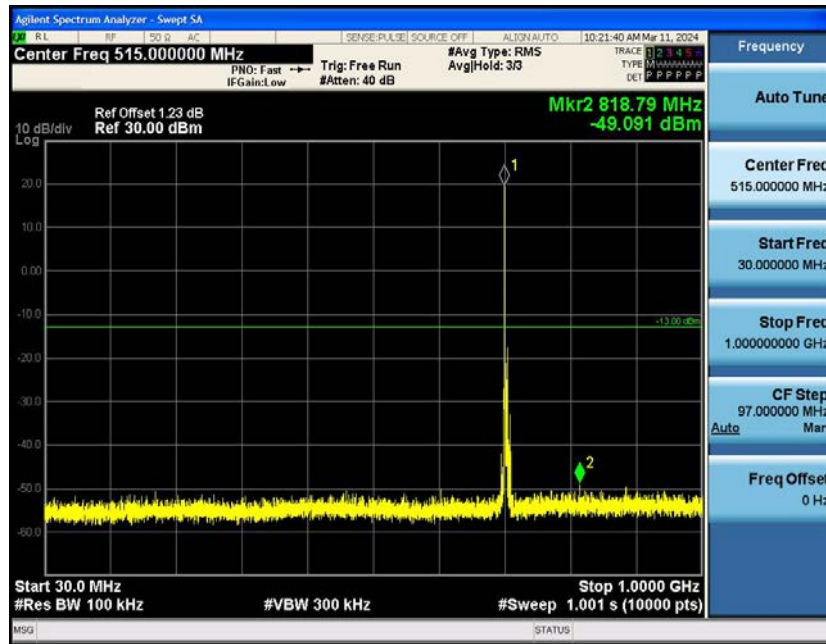
6: Conducted Spurious Emission

Test Result

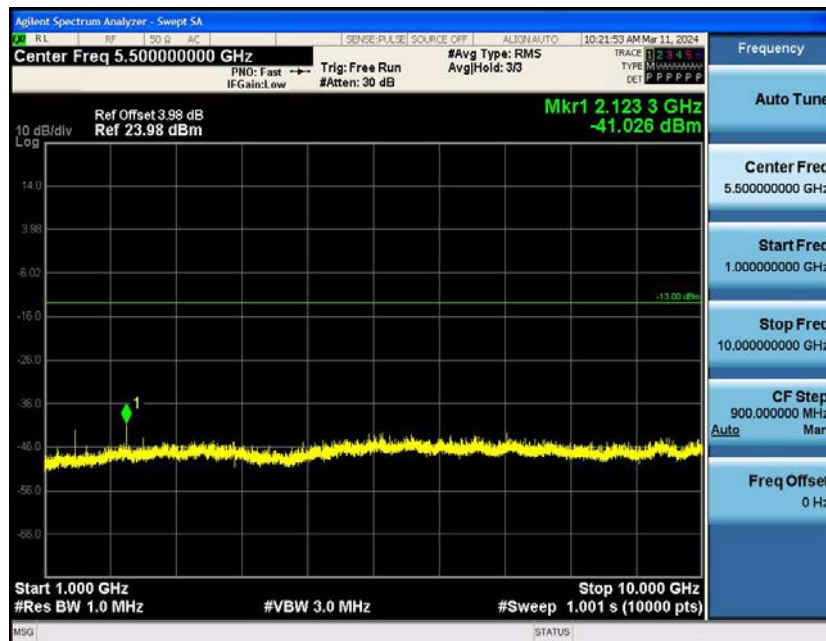
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	Range1:30~1000MHz	-49.25	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range2:1000~10000MHz	-35.5	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-49.09	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-41.03	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range1:30~1000MHz	-49.41	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range2:1000~10000MHz	-41.98	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range1:30~1000MHz	-49.93	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range2:1000~10000MHz	-36	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-50.23	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range2:1000~10000MHz	-41.56	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range1:30~1000MHz	-50.33	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range2:1000~10000MHz	-35.64	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range1:30~1000MHz	-49.57	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range2:1000~10000MHz	-36.45	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-49.67	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-37.45	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range1:30~1000MHz	-49.32	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range2:1000~10000MHz	-37.84	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range1:30~1000MHz	-49.81	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range2:1000~10000MHz	-42.48	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-48.52	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range2:1000~10000MHz	-39.42	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range1:30~1000MHz	-50.05	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range2:1000~10000MHz	-40.19	PASS

Test Graphs

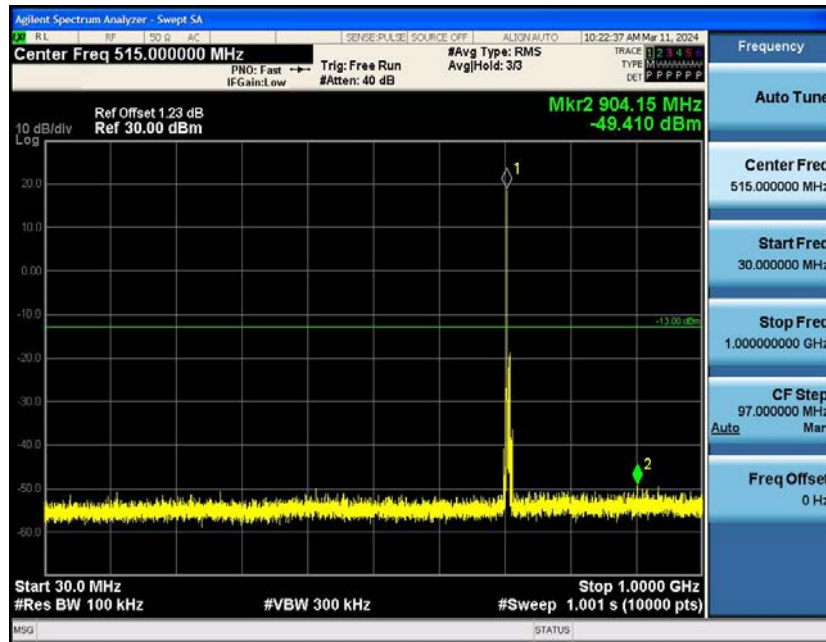




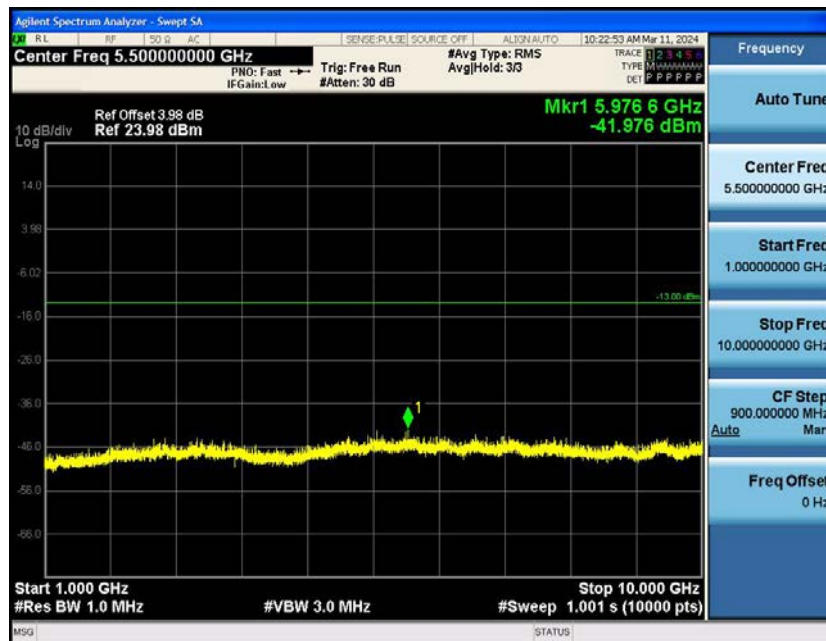
Band17-5MHz-QPSK-23790-1RB#0-Range2:1000~10000MHz



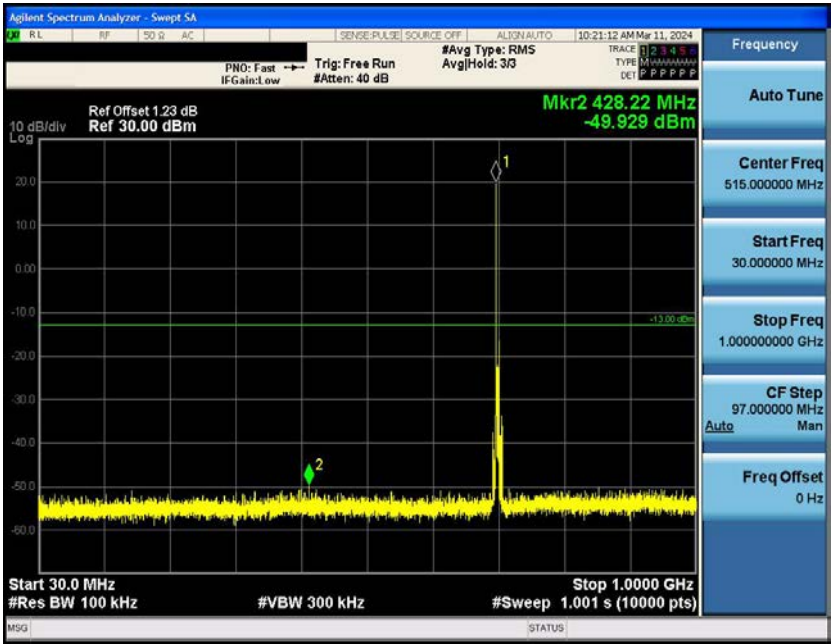
Band17-5MHz-QPSK-23825-1RB#0-Range1:30~1000MHz



Band17-5MHz-QPSK-23825-1RB#0-Range2:1000~10000MHz



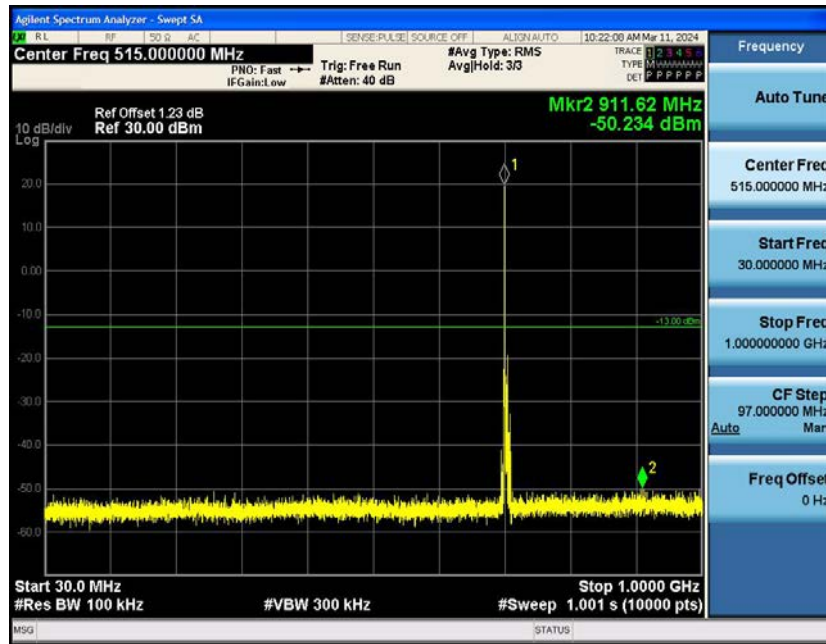
Band17-5MHz-16QAM-23755-1RB#0-Range1:30~1000MHz



Band17-5MHz-16QAM-23755-1RB#0-Range2:1000~10000MHz



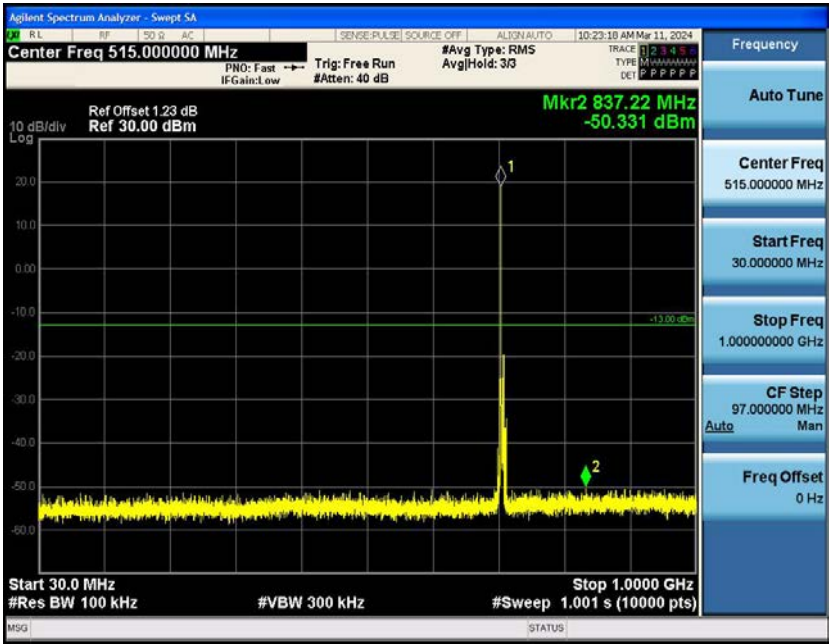
Band17-5MHz-16QAM-23790-1RB#0-Range1:30~1000MHz



Band17-5MHz-16QAM-23790-1RB#0-Range2:1000~10000MHz



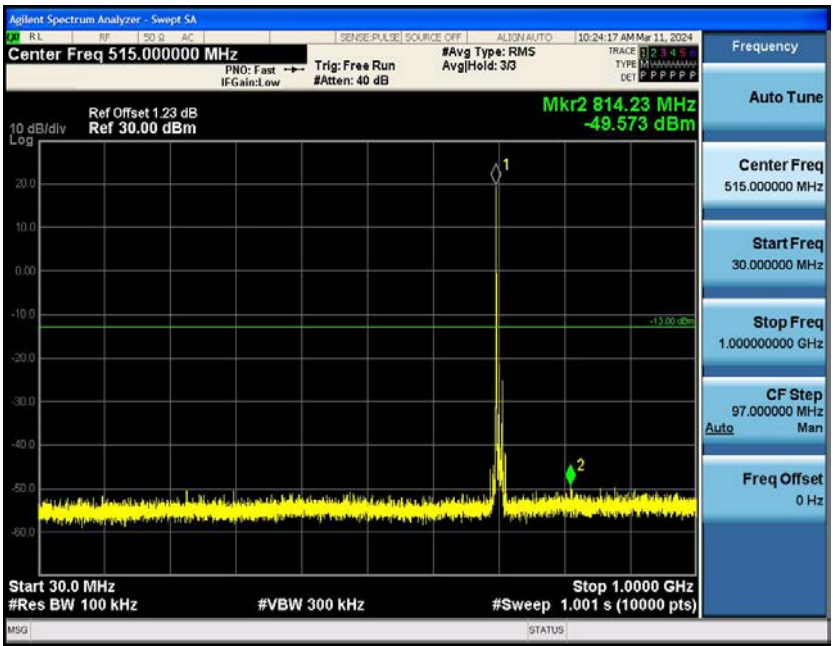
Band17-5MHz-16QAM-23825-1RB#0-Range1:30~1000MHz



Band17-5MHz-16QAM-23825-1RB#0-Range2:1000~10000MHz



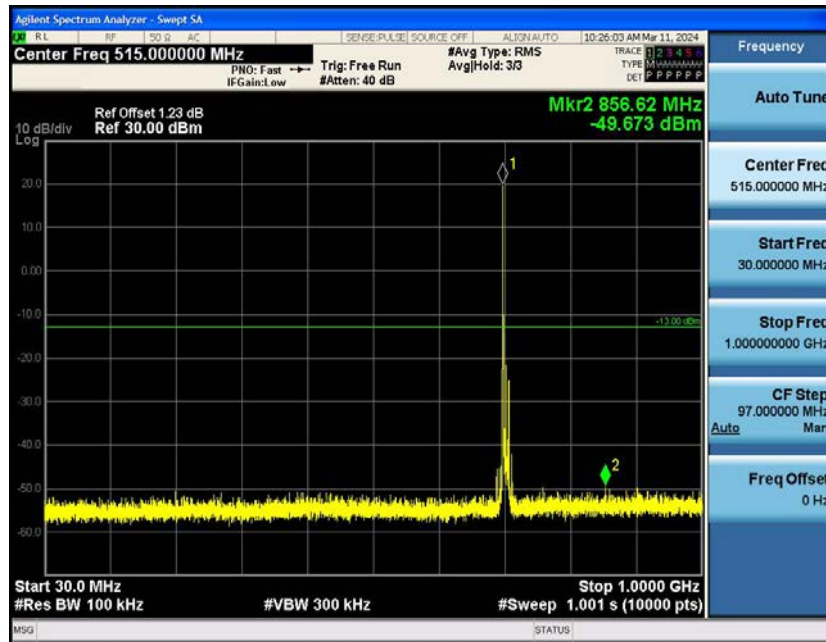
Band17-10MHz-QPSK-23780-1RB#0-Range1:30~1000MHz



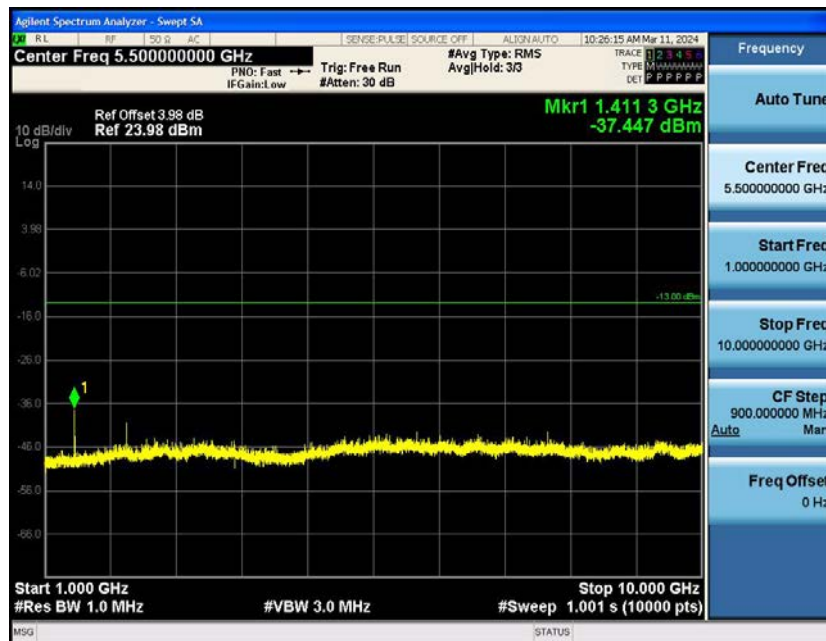
Band17-10MHz-QPSK-23780-1RB#0-Range2:1000~10000MHz



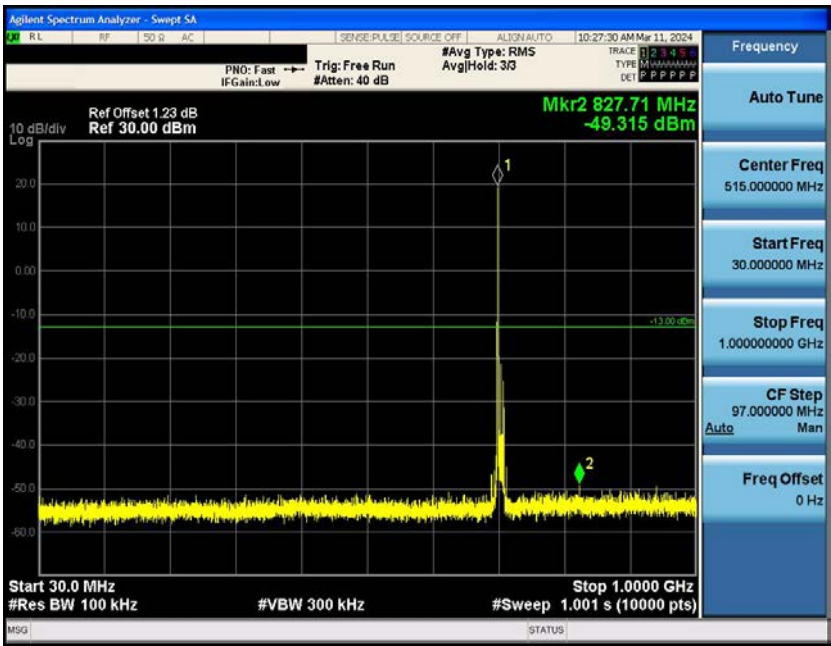
Band17-10MHz-QPSK-23790-1RB#0-Range1:30~1000MHz



Band17-10MHz-QPSK-23790-1RB#0-Range2:1000~10000MHz



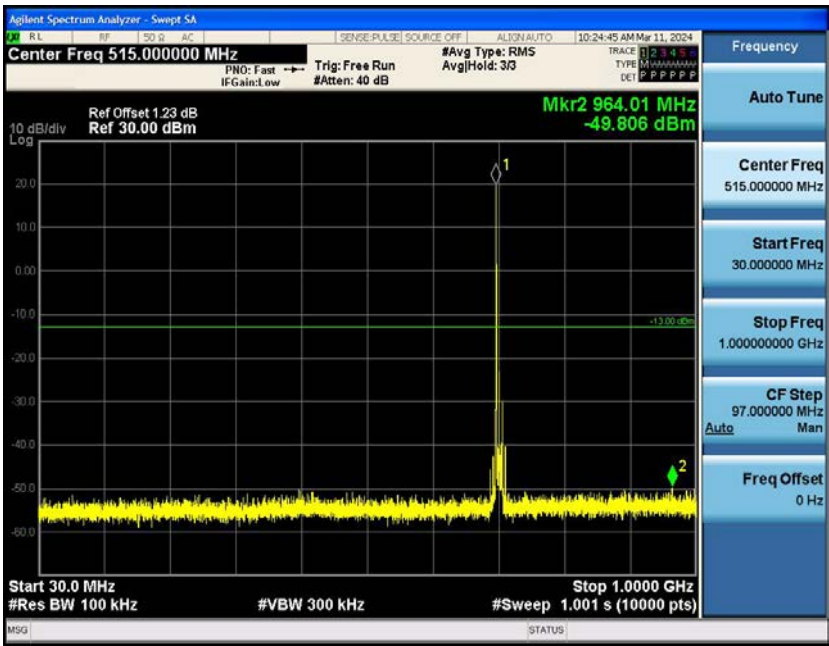
Band17-10MHz-QPSK-23800-1RB#0-Range1:30~1000MHz



Band17-10MHz-QPSK-23800-1RB#0-Range2:1000~10000MHz



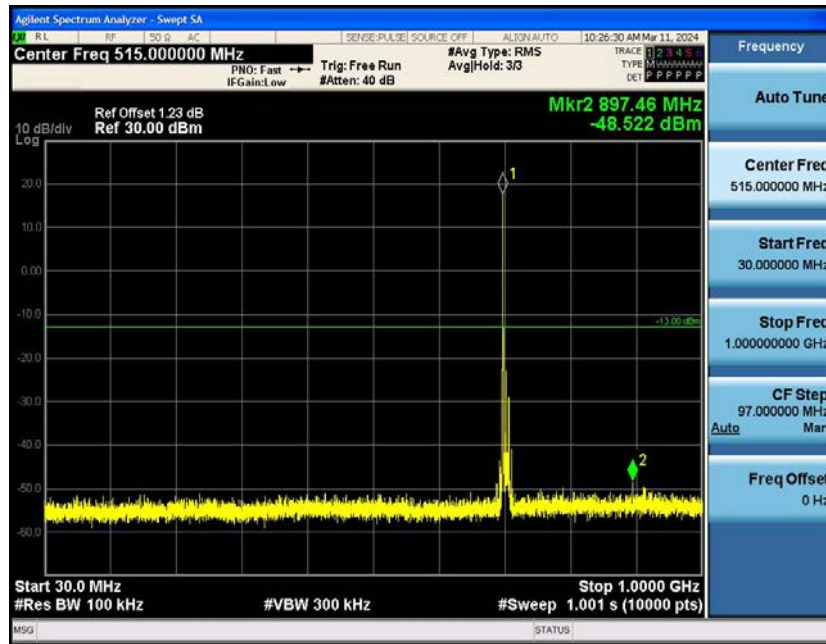
Band17-10MHz-16QAM-23780-1RB#0-Range1:30~1000MHz



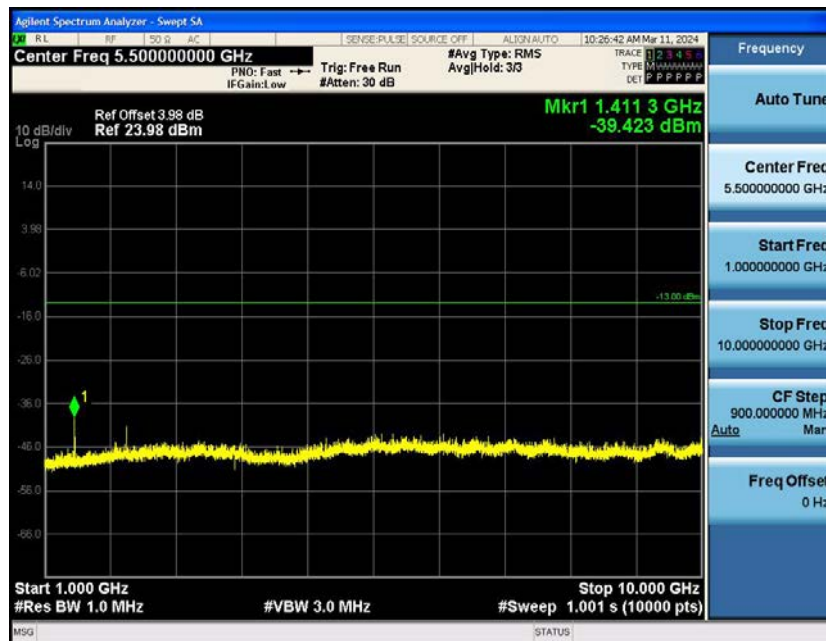
Band17-10MHz-16QAM-23780-1RB#0-Range2:1000~10000MHz



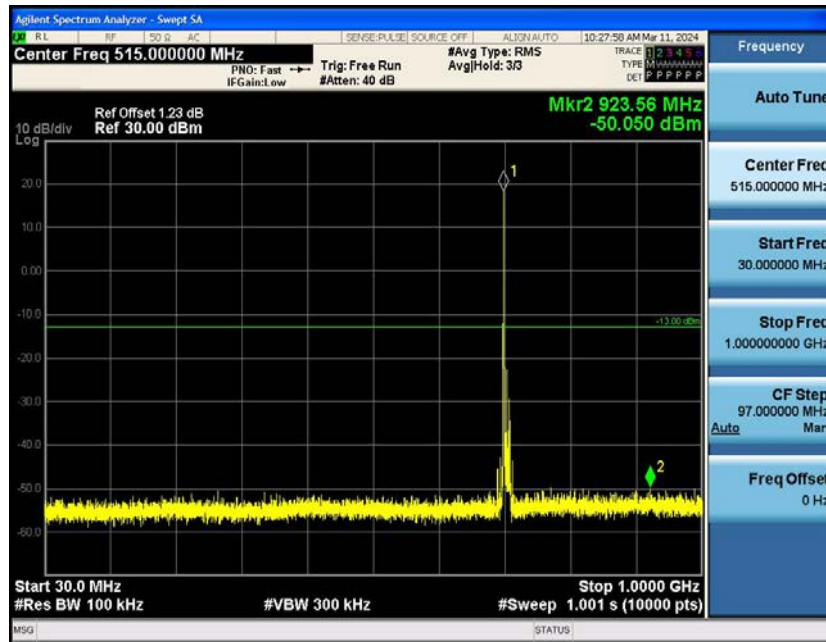
Band17-10MHz-16QAM-23790-1RB#0-Range1:30~1000MHz



Band17-10MHz-16QAM-23790-1RB#0-Range2:1000~10000MHz



Band17-10MHz-16QAM-23800-1RB#0-Range1:30~1000MHz



Band17-10MHz-16QAM-23800-1RB#0-Range2:1000~10000MHz



7:Field Strength of Spurious Radiation

Test Result

Test Band = LTE Band 17_ 10Mhz_TM1

Test Channel = Low - H

Suspected Data List										
NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	31.7462	-68.17	1.62	-66.55	-13.00	53.55	150	353	Horizo	PASS
2	107.025	-64.41	-7.98	-72.39	-13.00	59.39	150	77	Horizo	PASS
3	161.933	-54.02	-6.25	-60.27	-13.00	47.27	150	146	Horizo	PASS
4	237.115	-59.19	-2.66	-61.85	-13.00	48.85	150	146	Horizo	PASS
5	291.150	-58.84	-1.93	-60.77	-13.00	47.77	150	121	Horizo	PASS
6	416.195	-63.68	2.43	-61.25	-13.00	48.25	150	121	Horizo	PASS

Suspected Data List										
NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1418.04	-52.95	13.53	-39.42	-13.00	26.42	150	136	Horizo	PASS
2	2127.11	-54.64	20.12	-34.52	-13.00	21.52	150	26	Horizo	PASS
3	2836.18	-54.56	21.46	-33.10	-13.00	20.10	150	351	Horizo	PASS
4	4425.65	-54.50	6.40	-48.10	-13.00	35.10	150	8	Horizo	PASS
5	7816.99	-55.85	9.90	-45.95	-13.00	32.95	150	98	Horizo	PASS
6	10589.1	-55.41	15.46	-39.95	-13.00	26.95	150	98	Horizo	PASS

Test Band = LTE Band 17_ 10Mhz_TM1

Test Channel = Low - V

Suspected Data List										
NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	32.5223	-64.88	0.48	-64.40	-13.00	51.40	150	143	Vertical	PASS
2	107.898	-55.85	-7.39	-63.24	-13.00	50.24	150	119	Vertical	PASS
3	138.165	-56.05	-6.01	-62.06	-13.00	49.06	150	164	Vertical	PASS
4	162.515	-53.91	-5.05	-58.96	-13.00	45.96	150	143	Vertical	PASS
5	219.265	-55.72	-3.66	-59.38	-13.00	46.38	150	164	Vertical	PASS
6	418.232	-60.11	2.05	-58.06	-13.00	45.06	150	164	Vertical	PASS

Suspected Data List										
NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1418.04	-54.04	13.10	-40.94	-13.00	27.94	150	353	Vertical	PASS
2	2127.11	-53.64	20.07	-33.57	-13.00	20.57	150	53	Vertical	PASS
3	2836.18	-55.00	21.71	-33.29	-13.00	20.29	150	94	Vertical	PASS
4	4847.47	-54.65	7.16	-47.49	-13.00	34.49	150	184	Vertical	PASS
5	6926.55	-55.57	9.22	-46.35	-13.00	33.35	150	232	Vertical	PASS
6	10158.2	-55.97	15.40	-40.57	-13.00	27.57	150	319	Vertical	PASS

Test Band = LTE Band 17_ 10Mhz_TM1

Test Channel = High - H

Suspected Data List										
NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	33.0073	-67.44	0.56	-66.88	-13.00	53.88	150	353	Horizo	PASS
2	60.9461	-68.95	-7.81	-76.76	-13.00	63.76	150	129	Horizo	PASS
3	161.933	-54.10	-6.25	-60.35	-13.00	47.35	150	129	Horizo	PASS
4	240.899	-59.62	-2.14	-61.76	-13.00	48.76	150	129	Horizo	PASS
5	292.508	-58.97	-1.93	-60.90	-13.00	47.90	150	129	Horizo	PASS
6	440.545	-62.55	2.07	-60.48	-13.00	47.48	150	129	Horizo	PASS

Suspected Data List										
NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1422.04	-54.01	13.54	-40.47	-13.00	27.47	150	79	Horizo	PASS
2	2133.11	-53.16	20.13	-33.03	-13.00	20.03	150	56	Horizo	PASS
3	2844.18	-54.04	21.51	-32.53	-13.00	19.53	150	56	Horizo	PASS
4	4719.66	-54.79	6.99	-47.80	-13.00	34.80	150	306	Horizo	PASS
5	7458.77	-55.38	10.22	-45.16	-13.00	32.16	150	156	Horizo	PASS
6	10290.8	-56.21	14.89	-41.32	-13.00	28.32	150	286	Horizo	PASS

Test Band = LTE Band 17_ 10Mhz_TM1

Test Channel = High - V

Suspected Data List										
NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	33.1043	-66.10	0.03	-66.07	-13.00	53.07	150	116	Vertical	PASS
2	102.757	-55.51	-7.64	-63.15	-13.00	50.15	150	116	Vertical	PASS
3	138.262	-55.68	-6.00	-61.68	-13.00	48.68	150	157	Vertical	PASS
4	224.989	-55.27	-3.52	-58.79	-13.00	45.79	150	54	Vertical	PASS
5	291.150	-59.02	-2.76	-61.78	-13.00	48.78	150	96	Vertical	PASS
6	413.867	-61.59	2.02	-59.57	-13.00	46.57	150	200	Vertical	PASS

Suspected Data List										
NO.	Freq. [MHz]	Reading [dBm]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1422.04	-53.21	13.08	-40.13	-13.00	27.13	150	0	Vertical	PASS
2	2133.11	-54.62	20.06	-34.56	-13.00	21.56	150	8	Vertical	PASS
3	2844.18	-55.20	21.75	-33.45	-13.00	20.45	150	267	Vertical	PASS
4	4717.26	-54.48	7.19	-47.29	-13.00	34.29	150	344	Vertical	PASS
5	7336.37	-55.09	10.34	-44.75	-13.00	31.75	150	9	Vertical	PASS
6	10035.8	-55.41	15.41	-40.00	-13.00	27.00	150	344	Vertical	PASS

8: Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band17	5MHz	QPSK	23755	25RB#0	VL	NT	-10.33	-0.014621	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VN	NT	-24.19	-0.034239	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VH	NT	23.83	0.033730	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VL	NT	-19.10	-0.026901	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VN	NT	18.34	0.025831	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VH	NT	-18.78	-0.026451	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VL	NT	-24.43	-0.034240	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VN	NT	-23.79	-0.033343	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VH	NT	44.06	0.061752	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VL	NT	-11.62	-0.016447	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VN	NT	31.23	0.044204	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VH	NT	-17.80	-0.025195	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VL	NT	30.66	0.043183	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VN	NT	-8.07	-0.011366	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VH	NT	27.54	0.038789	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VL	NT	-7.25	-0.010161	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VN	NT	-17.84	-0.025004	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VH	NT	-18.21	-0.025522	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VL	NT	34.20	0.048237	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VN	NT	16.95	0.023907	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VH	NT	-18.67	-0.026333	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VL	NT	-32.52	-0.045803	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VN	NT	-31.39	-0.044211	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VH	NT	-15.49	-0.021817	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VL	NT	-23.03	-0.032391	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VN	NT	-27.85	-0.039170	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VH	NT	-24.96	-0.035105	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VL	NT	0.00	0.000000	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VN	NT	0.00	0.000000	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VH	NT	-40.51	-0.057137	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VL	NT	-41.73	-0.058775	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VN	NT	0.00	0.000000	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VH	NT	-39.27	-0.055310	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VL	NT	0.00	0.000000	±2.5	PASS

Band17	10MHz	16QAM	23800	50RB#0	VN	NT	0.00	0.000000	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VH	NT	13.66	0.019212	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	NV	-30	12.39	0.017537	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-20	-16.57	-0.023454	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	0	-34.29	-0.048535	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	10	-28.82	-0.040793	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	20	11.16	0.015796	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-30	29.43	0.041451	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-20	15.03	0.021169	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	0	-24.35	-0.034296	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	10	17.92	0.025239	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	20	19.93	0.028070	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-30	14.68	0.020575	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-20	22.14	0.031030	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	0	-23.49	-0.032922	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	10	9.44	0.013231	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	20	20.16	0.028255	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-30	-6.97	-0.009866	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-20	-27.89	-0.039476	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	0	19.03	0.026936	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	10	-34.88	-0.049370	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	20	13.36	0.018910	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-30	16.14	0.022732	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-20	21.36	0.030085	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	0	-8.71	-0.012268	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	10	-15.92	-0.022423	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	20	24.25	0.034155	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-30	29.70	0.041626	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-20	13.30	0.018641	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	0	23.56	0.033020	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	10	23.95	0.033567	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	20	15.18	0.021275	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-30	-11.94	-0.016841	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-20	-20.38	-0.028745	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	0	-19.70	-0.027786	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	10	-5.81	-0.008195	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	20	-14.15	-0.019958	±2.5	PASS

Band17	10MHz	QPSK	23790	50RB#0	NV	-30	-21.99	-0.030972	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-20	-16.38	-0.023070	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	-26.81	-0.037761	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	-19.58	-0.027577	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	-5.48	-0.007718	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-30	-22.14	-0.031139	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-20	-19.91	-0.028003	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	0	-35.31	-0.049662	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	10	22.19	0.031210	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	20	-14.92	-0.020985	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-30	17.17	0.024217	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-20	0.00	0.000000	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	0	-34.78	-0.049055	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	10	12.73	0.017955	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	20	-23.86	-0.033653	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-30	-39.37	-0.055451	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-20	-27.97	-0.039394	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	0	12.85	0.018099	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	10	0.00	0.000000	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	20	-17.91	-0.025225	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-30	-33.27	-0.046793	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-20	-29.15	-0.040999	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	0	-15.41	-0.021674	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	10	-26.08	-0.036681	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	20	-11.13	-0.015654	±2.5	PASS