

Appendix L: Test Data for E-UTRA Band 25

Product Name: mobile phone

Trade Mark: Purism

Test Model: Librem 5

Environmental Conditions

Temperature:	24.6° C
Relative Humidity:	53.7%
ATM Pressure:	100.0 kPa
Test Engineer:	Ken He
Supervised by:	LI HUAN

L.1 Conducted Output Power

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	25.27	PASS
Band25	1.4MHz	QPSK	26047	1RB#2	25.51	PASS
Band25	1.4MHz	QPSK	26047	1RB#5	25.48	PASS
Band25	1.4MHz	QPSK	26047	3RB#1	25.10	PASS
Band25	1.4MHz	QPSK	26047	3RB#0	25.27	PASS
Band25	1.4MHz	QPSK	26047	3RB#3	25.19	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	24.15	PASS
Band25	1.4MHz	QPSK	26365	1RB#5	25.52	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	25.51	PASS
Band25	1.4MHz	QPSK	26365	1RB#2	25.49	PASS
Band25	1.4MHz	QPSK	26365	3RB#0	25.51	PASS
Band25	1.4MHz	QPSK	26365	3RB#1	25.50	PASS
Band25	1.4MHz	QPSK	26365	3RB#3	25.47	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	24.58	PASS
Band25	1.4MHz	QPSK	26683	1RB#2	24.48	PASS
Band25	1.4MHz	QPSK	26683	1RB#5	24.32	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	24.89	PASS
Band25	1.4MHz	QPSK	26683	3RB#0	23.62	PASS
Band25	1.4MHz	QPSK	26683	3RB#3	23.39	PASS
Band25	1.4MHz	QPSK	26683	3RB#1	23.59	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	23.35	PASS
Band25	1.4MHz	16QAM	26047	1RB#2	24.67	PASS
Band25	1.4MHz	16QAM	26047	1RB#5	24.42	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	24.32	PASS
Band25	1.4MHz	16QAM	26047	3RB#0	24.12	PASS
Band25	1.4MHz	16QAM	26047	3RB#1	24.11	PASS
Band25	1.4MHz	16QAM	26047	3RB#3	23.84	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	23.29	PASS
Band25	1.4MHz	16QAM	26365	1RB#5	24.96	PASS
Band25	1.4MHz	16QAM	26365	1RB#0	24.99	PASS
Band25	1.4MHz	16QAM	26365	1RB#2	25.05	PASS
Band25	1.4MHz	16QAM	26365	3RB#3	24.40	PASS
Band25	1.4MHz	16QAM	26365	3RB#1	24.43	PASS

Band25	1.4MHz	16QAM	26365	3RB#0	24.44	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	23.65	PASS
Band25	1.4MHz	16QAM	26683	1RB#2	23.57	PASS
Band25	1.4MHz	16QAM	26683	1RB#5	23.49	PASS
Band25	1.4MHz	16QAM	26683	1RB#0	23.41	PASS
Band25	1.4MHz	16QAM	26683	3RB#3	23.38	PASS
Band25	1.4MHz	16QAM	26683	3RB#1	23.66	PASS
Band25	1.4MHz	16QAM	26683	3RB#0	23.61	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	23.56	PASS
Band25	3MHz	QPSK	26055	1RB#14	24.80	PASS
Band25	3MHz	QPSK	26055	1RB#0	24.86	PASS
Band25	3MHz	QPSK	26055	1RB#8	24.87	PASS
Band25	3MHz	QPSK	26055	8RB#7	24.13	PASS
Band25	3MHz	QPSK	26055	8RB#4	24.00	PASS
Band25	3MHz	QPSK	26055	8RB#0	24.02	PASS
Band25	3MHz	QPSK	26055	15RB#0	23.99	PASS
Band25	3MHz	QPSK	26365	1RB#14	25.37	PASS
Band25	3MHz	QPSK	26365	1RB#8	25.44	PASS
Band25	3MHz	QPSK	26365	1RB#0	25.17	PASS
Band25	3MHz	QPSK	26365	8RB#7	24.33	PASS
Band25	3MHz	QPSK	26365	8RB#0	24.44	PASS
Band25	3MHz	QPSK	26365	8RB#4	24.42	PASS
Band25	3MHz	QPSK	26365	15RB#0	24.51	PASS
Band25	3MHz	QPSK	26675	1RB#14	20.56	PASS
Band25	3MHz	QPSK	26675	1RB#8	21.49	PASS
Band25	3MHz	QPSK	26675	1RB#0	23.05	PASS
Band25	3MHz	QPSK	26675	8RB#4	22.27	PASS
Band25	3MHz	QPSK	26675	8RB#0	22.28	PASS
Band25	3MHz	QPSK	26675	8RB#7	21.99	PASS
Band25	3MHz	QPSK	26675	15RB#0	21.66	PASS
Band25	3MHz	16QAM	26055	1RB#8	23.86	PASS
Band25	3MHz	16QAM	26055	1RB#14	23.76	PASS
Band25	3MHz	16QAM	26055	1RB#0	24.20	PASS
Band25	3MHz	16QAM	26055	8RB#0	23.06	PASS
Band25	3MHz	16QAM	26055	8RB#7	23.08	PASS
Band25	3MHz	16QAM	26055	8RB#4	23.11	PASS
Band25	3MHz	16QAM	26055	15RB#0	23.18	PASS
Band25	3MHz	16QAM	26365	1RB#8	24.80	PASS

Band25	3MHz	16QAM	26365	1RB#14	24.14	PASS
Band25	3MHz	16QAM	26365	1RB#0	24.85	PASS
Band25	3MHz	16QAM	26365	8RB#4	23.39	PASS
Band25	3MHz	16QAM	26365	8RB#0	23.41	PASS
Band25	3MHz	16QAM	26365	8RB#7	23.69	PASS
Band25	3MHz	16QAM	26365	15RB#0	23.36	PASS
Band25	3MHz	16QAM	26675	1RB#14	22.81	PASS
Band25	3MHz	16QAM	26675	1RB#0	22.26	PASS
Band25	3MHz	16QAM	26675	1RB#8	20.86	PASS
Band25	3MHz	16QAM	26675	8RB#0	21.41	PASS
Band25	3MHz	16QAM	26675	8RB#7	20.32	PASS
Band25	3MHz	16QAM	26675	8RB#4	21.38	PASS
Band25	3MHz	16QAM	26675	15RB#0	20.73	PASS
Band25	5MHz	QPSK	26065	1RB#24	24.94	PASS
Band25	5MHz	QPSK	26065	1RB#12	24.99	PASS
Band25	5MHz	QPSK	26065	1RB#0	25.00	PASS
Band25	5MHz	QPSK	26065	12RB#6	24.11	PASS
Band25	5MHz	QPSK	26065	12RB#0	24.13	PASS
Band25	5MHz	QPSK	26065	12RB#13	24.10	PASS
Band25	5MHz	QPSK	26065	25RB#0	23.96	PASS
Band25	5MHz	QPSK	26365	1RB#24	25.12	PASS
Band25	5MHz	QPSK	26365	1RB#0	25.59	PASS
Band25	5MHz	QPSK	26365	1RB#12	25.45	PASS
Band25	5MHz	QPSK	26365	12RB#6	24.52	PASS
Band25	5MHz	QPSK	26365	12RB#0	24.53	PASS
Band25	5MHz	QPSK	26365	12RB#13	24.32	PASS
Band25	5MHz	QPSK	26365	25RB#0	24.39	PASS
Band25	5MHz	QPSK	26665	1RB#0	24.30	PASS
Band25	5MHz	QPSK	26665	1RB#12	22.62	PASS
Band25	5MHz	QPSK	26665	1RB#24	20.59	PASS
Band25	5MHz	QPSK	26665	12RB#0	23.38	PASS
Band25	5MHz	QPSK	26665	12RB#6	23.42	PASS
Band25	5MHz	QPSK	26665	12RB#13	21.56	PASS
Band25	5MHz	QPSK	26665	25RB#0	22.49	PASS
Band25	5MHz	16QAM	26065	1RB#0	23.81	PASS
Band25	5MHz	16QAM	26065	1RB#12	23.58	PASS
Band25	5MHz	16QAM	26065	1RB#24	23.52	PASS
Band25	5MHz	16QAM	26065	12RB#13	22.92	PASS

Band25	5MHz	16QAM	26065	12RB#0	23.21	PASS
Band25	5MHz	16QAM	26065	12RB#6	23.11	PASS
Band25	5MHz	16QAM	26065	25RB#0	23.15	PASS
Band25	5MHz	16QAM	26365	1RB#0	24.50	PASS
Band25	5MHz	16QAM	26365	1RB#12	24.27	PASS
Band25	5MHz	16QAM	26365	1RB#24	24.30	PASS
Band25	5MHz	16QAM	26365	12RB#0	23.30	PASS
Band25	5MHz	16QAM	26365	12RB#13	23.25	PASS
Band25	5MHz	16QAM	26365	12RB#6	23.38	PASS
Band25	5MHz	16QAM	26365	25RB#0	23.60	PASS
Band25	5MHz	16QAM	26665	1RB#0	23.31	PASS
Band25	5MHz	16QAM	26665	1RB#24	19.71	FAIL
Band25	5MHz	16QAM	26665	1RB#12	21.75	PASS
Band25	5MHz	16QAM	26665	12RB#0	22.50	PASS
Band25	5MHz	16QAM	26665	12RB#6	22.62	PASS
Band25	5MHz	16QAM	26665	12RB#13	20.73	PASS
Band25	5MHz	16QAM	26665	25RB#0	21.62	PASS
Band25	10MHz	QPSK	26090	1RB#0	25.11	PASS
Band25	10MHz	QPSK	26090	1RB#24	25.07	PASS
Band25	10MHz	QPSK	26090	1RB#49	24.03	PASS
Band25	10MHz	QPSK	26090	25RB#12	24.03	PASS
Band25	10MHz	QPSK	26090	25RB#0	24.17	PASS
Band25	10MHz	QPSK	26090	25RB#25	24.06	PASS
Band25	10MHz	QPSK	26090	50RB#0	24.16	PASS
Band25	10MHz	QPSK	26365	1RB#49	25.21	PASS
Band25	10MHz	QPSK	26365	1RB#0	25.33	PASS
Band25	10MHz	QPSK	26365	1RB#24	25.59	PASS
Band25	10MHz	QPSK	26365	25RB#0	24.56	PASS
Band25	10MHz	QPSK	26365	25RB#12	24.55	PASS
Band25	10MHz	QPSK	26365	25RB#25	24.33	PASS
Band25	10MHz	QPSK	26365	50RB#0	24.52	PASS
Band25	10MHz	QPSK	26640	1RB#24	24.27	PASS
Band25	10MHz	QPSK	26640	1RB#49	24.21	PASS
Band25	10MHz	QPSK	26640	1RB#0	24.18	PASS
Band25	10MHz	QPSK	26640	25RB#0	24.65	PASS
Band25	10MHz	QPSK	26640	25RB#25	22.52	PASS
Band25	10MHz	QPSK	26640	25RB#12	24.62	PASS
Band25	10MHz	QPSK	26640	50RB#0	23.68	PASS

Band25	10MHz	16QAM	26090	1RB#24	24.08	PASS
Band25	10MHz	16QAM	26090	1RB#49	23.25	PASS
Band25	10MHz	16QAM	26090	1RB#0	24.16	PASS
Band25	10MHz	16QAM	26090	25RB#0	23.01	PASS
Band25	10MHz	16QAM	26090	25RB#12	23.14	PASS
Band25	10MHz	16QAM	26090	25RB#25	23.13	PASS
Band25	10MHz	16QAM	26090	50RB#0	23.04	PASS
Band25	10MHz	16QAM	26365	1RB#49	24.23	PASS
Band25	10MHz	16QAM	26365	1RB#0	24.57	PASS
Band25	10MHz	16QAM	26365	1RB#24	24.94	PASS
Band25	10MHz	16QAM	26365	25RB#25	23.33	PASS
Band25	10MHz	16QAM	26365	25RB#12	23.54	PASS
Band25	10MHz	16QAM	26365	25RB#0	23.56	PASS
Band25	10MHz	16QAM	26365	50RB#0	23.60	PASS
Band25	10MHz	16QAM	26640	1RB#24	23.72	PASS
Band25	10MHz	16QAM	26640	1RB#49	23.62	PASS
Band25	10MHz	16QAM	26640	1RB#0	23.41	PASS
Band25	10MHz	16QAM	26640	25RB#25	21.69	PASS
Band25	10MHz	16QAM	26640	25RB#12	23.75	PASS
Band25	10MHz	16QAM	26640	25RB#0	23.78	PASS
Band25	10MHz	16QAM	26640	50RB#0	22.79	PASS
Band25	15MHz	QPSK	26115	1RB#74	23.17	PASS
Band25	15MHz	QPSK	26115	1RB#0	24.95	PASS
Band25	15MHz	QPSK	26115	1RB#38	24.84	PASS
Band25	15MHz	QPSK	26115	38RB#37	22.31	PASS
Band25	15MHz	QPSK	26115	38RB#18	23.98	PASS
Band25	15MHz	QPSK	26115	38RB#0	24.23	PASS
Band25	15MHz	QPSK	26115	75RB#0	24.18	PASS
Band25	15MHz	QPSK	26365	1RB#74	24.92	PASS
Band25	15MHz	QPSK	26365	1RB#38	24.81	PASS
Band25	15MHz	QPSK	26365	1RB#0	25.02	PASS
Band25	15MHz	QPSK	26365	38RB#0	24.26	PASS
Band25	15MHz	QPSK	26365	38RB#37	23.83	PASS
Band25	15MHz	QPSK	26365	38RB#18	24.24	PASS
Band25	15MHz	QPSK	26365	75RB#0	24.49	PASS
Band25	15MHz	QPSK	26615	1RB#74	24.39	PASS
Band25	15MHz	QPSK	26615	1RB#38	25.03	PASS
Band25	15MHz	QPSK	26615	1RB#0	23.05	PASS

Band25	15MHz	QPSK	26615	38RB#18	23.98	PASS
Band25	15MHz	QPSK	26615	38RB#0	21.92	PASS
Band25	15MHz	QPSK	26615	38RB#37	21.84	PASS
Band25	15MHz	QPSK	26615	75RB#0	23.73	PASS
Band25	15MHz	16QAM	26115	1RB#0	23.37	PASS
Band25	15MHz	16QAM	26115	1RB#74	22.39	PASS
Band25	15MHz	16QAM	26115	1RB#38	23.70	PASS
Band25	15MHz	16QAM	26115	38RB#0	24.23	PASS
Band25	15MHz	16QAM	26115	38RB#37	22.32	PASS
Band25	15MHz	16QAM	26115	38RB#18	23.95	PASS
Band25	15MHz	16QAM	26115	75RB#0	23.25	PASS
Band25	15MHz	16QAM	26365	1RB#38	24.51	PASS
Band25	15MHz	16QAM	26365	1RB#74	23.85	PASS
Band25	15MHz	16QAM	26365	1RB#0	24.15	PASS
Band25	15MHz	16QAM	26365	38RB#18	24.23	PASS
Band25	15MHz	16QAM	26365	38RB#0	24.24	PASS
Band25	15MHz	16QAM	26365	38RB#37	23.82	PASS
Band25	15MHz	16QAM	26365	75RB#0	23.68	PASS
Band25	15MHz	16QAM	26615	1RB#74	23.57	PASS
Band25	15MHz	16QAM	26615	1RB#0	21.98	PASS
Band25	15MHz	16QAM	26615	1RB#38	24.05	PASS
Band25	15MHz	16QAM	26615	38RB#0	21.92	PASS
Band25	15MHz	16QAM	26615	38RB#37	21.82	PASS
Band25	15MHz	16QAM	26615	38RB#18	23.99	PASS
Band25	15MHz	16QAM	26615	75RB#0	22.84	PASS
Band25	20MHz	QPSK	26140	1RB#99	23.51	PASS
Band25	20MHz	QPSK	26140	1RB#49	24.96	PASS
Band25	20MHz	QPSK	26140	1RB#0	25.06	PASS
Band25	20MHz	QPSK	26140	50RB#25	24.20	PASS
Band25	20MHz	QPSK	26140	50RB#0	24.16	PASS
Band25	20MHz	QPSK	26140	50RB#50	23.64	PASS
Band25	20MHz	QPSK	26140	100RB#0	24.42	PASS
Band25	20MHz	QPSK	26365	1RB#99	24.35	PASS
Band25	20MHz	QPSK	26365	1RB#0	24.42	PASS
Band25	20MHz	QPSK	26365	1RB#49	25.19	PASS
Band25	20MHz	QPSK	26365	50RB#25	24.80	PASS
Band25	20MHz	QPSK	26365	50RB#0	24.83	PASS
Band25	20MHz	QPSK	26365	50RB#50	24.34	PASS

Band25	20MHz	QPSK	26365	100RB#0	24.52	PASS
Band25	20MHz	QPSK	26590	1RB#0	22.91	PASS
Band25	20MHz	QPSK	26590	1RB#49	24.83	PASS
Band25	20MHz	QPSK	26590	1RB#99	24.67	PASS
Band25	20MHz	QPSK	26590	50RB#0	23.49	PASS
Band25	20MHz	QPSK	26590	50RB#25	23.51	PASS
Band25	20MHz	QPSK	26590	50RB#50	23.51	PASS
Band25	20MHz	QPSK	26590	100RB#0	23.51	PASS
Band25	20MHz	16QAM	26140	1RB#0	24.22	PASS
Band25	20MHz	16QAM	26140	1RB#49	23.99	PASS
Band25	20MHz	16QAM	26140	1RB#99	22.40	PASS
Band25	20MHz	16QAM	26140	50RB#50	22.77	PASS
Band25	20MHz	16QAM	26140	50RB#0	23.25	PASS
Band25	20MHz	16QAM	26140	50RB#25	23.18	PASS
Band25	20MHz	16QAM	26140	100RB#0	23.38	PASS
Band25	20MHz	16QAM	26365	1RB#0	23.48	PASS
Band25	20MHz	16QAM	26365	1RB#49	24.95	PASS
Band25	20MHz	16QAM	26365	1RB#99	23.45	PASS
Band25	20MHz	16QAM	26365	50RB#0	23.72	PASS
Band25	20MHz	16QAM	26365	50RB#50	23.44	PASS
Band25	20MHz	16QAM	26365	50RB#25	23.69	PASS
Band25	20MHz	16QAM	26365	100RB#0	23.60	PASS
Band25	20MHz	16QAM	26590	1RB#0	22.18	PASS
Band25	20MHz	16QAM	26590	1RB#99	21.99	PASS
Band25	20MHz	16QAM	26590	1RB#49	24.09	PASS
Band25	20MHz	16QAM	26590	50RB#0	22.65	PASS
Band25	20MHz	16QAM	26590	50RB#25	22.62	PASS
Band25	20MHz	16QAM	26590	50RB#50	22.64	PASS
Band25	20MHz	16QAM	26590	100RB#0	22.60	PASS

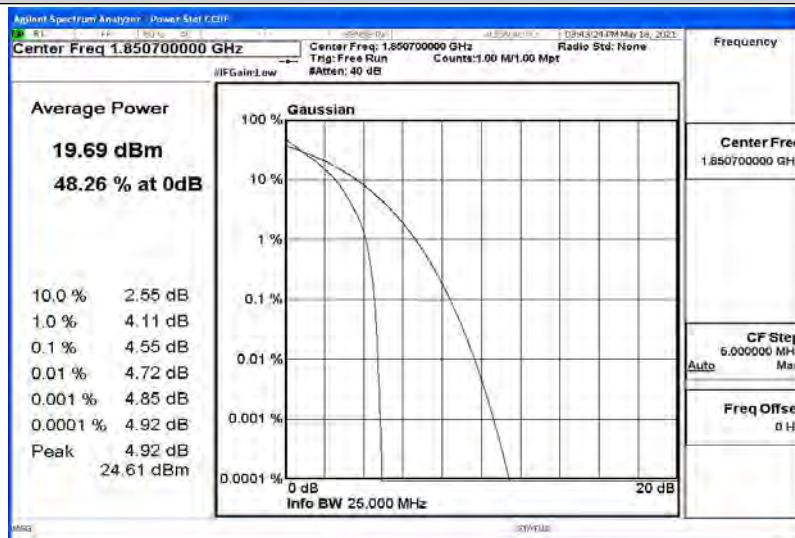
L.2 Peak-to-Average Ratio(CCDF)

Test Result

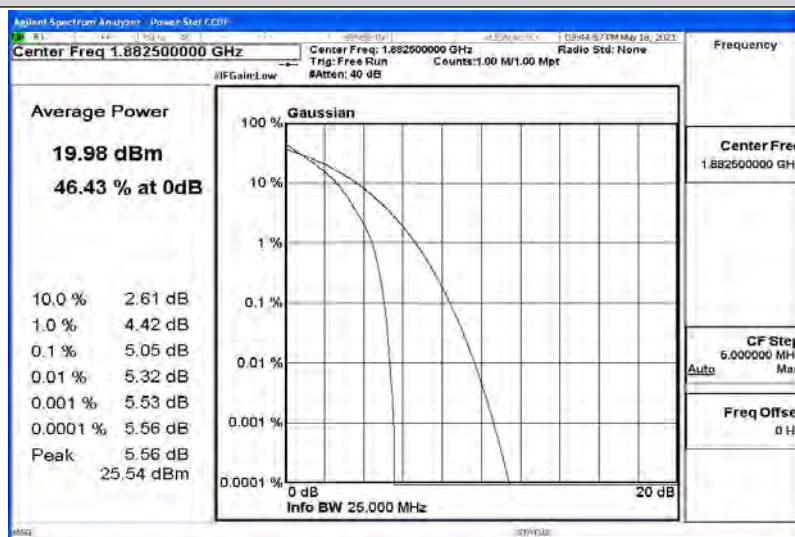
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band25	1.4MHz	QPSK	26047	6RB#0	4.55	13	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	5.05	13	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	6.08	13	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	5.38	13	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	5.89	13	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	7.26	13	PASS
Band25	3MHz	QPSK	26055	15RB#0	4.58	13	PASS
Band25	3MHz	QPSK	26365	15RB#0	5.94	13	PASS
Band25	3MHz	QPSK	26675	15RB#0	6.34	13	PASS
Band25	3MHz	16QAM	26055	15RB#0	5.47	13	PASS
Band25	3MHz	16QAM	26365	15RB#0	5.93	13	PASS
Band25	3MHz	16QAM	26675	15RB#0	6.88	13	PASS
Band25	5MHz	QPSK	26065	25RB#0	4.61	13	PASS
Band25	5MHz	QPSK	26365	25RB#0	5.08	13	PASS
Band25	5MHz	QPSK	26665	25RB#0	6.02	13	PASS
Band25	5MHz	16QAM	26065	25RB#0	5.46	13	PASS
Band25	5MHz	16QAM	26365	25RB#0	5.91	13	PASS
Band25	5MHz	16QAM	26665	25RB#0	6.83	13	PASS
Band25	10MHz	QPSK	26090	50RB#0	4.76	13	PASS
Band25	10MHz	QPSK	26365	50RB#0	5.04	13	PASS
Band25	10MHz	QPSK	26640	50RB#0	5.57	13	PASS
Band25	10MHz	16QAM	26090	50RB#0	5.58	13	PASS
Band25	10MHz	16QAM	26365	50RB#0	5.86	13	PASS
Band25	10MHz	16QAM	26640	50RB#0	6.04	13	PASS
Band25	15MHz	QPSK	26115	75RB#0	5.85	13	PASS
Band25	15MHz	QPSK	26365	75RB#0	5.92	13	PASS
Band25	15MHz	QPSK	26615	75RB#0	6.24	13	PASS
Band25	15MHz	16QAM	26115	75RB#0	5.86	13	PASS
Band25	15MHz	16QAM	26365	75RB#0	5.92	13	PASS
Band25	15MHz	16QAM	26615	75RB#0	5.86	13	PASS
Band25	20MHz	QPSK	26140	100RB#0	5.95	13	PASS
Band25	20MHz	QPSK	26365	100RB#0	5.82	13	PASS
Band25	20MHz	QPSK	26590	100RB#0	6.04	13	PASS
Band25	20MHz	16QAM	26140	100RB#0	5.94	13	PASS
Band25	20MHz	16QAM	26365	100RB#0	5.82	13	PASS
Band25	20MHz	16QAM	26590	100RB#0	6.12	13	PASS

Test Graphs

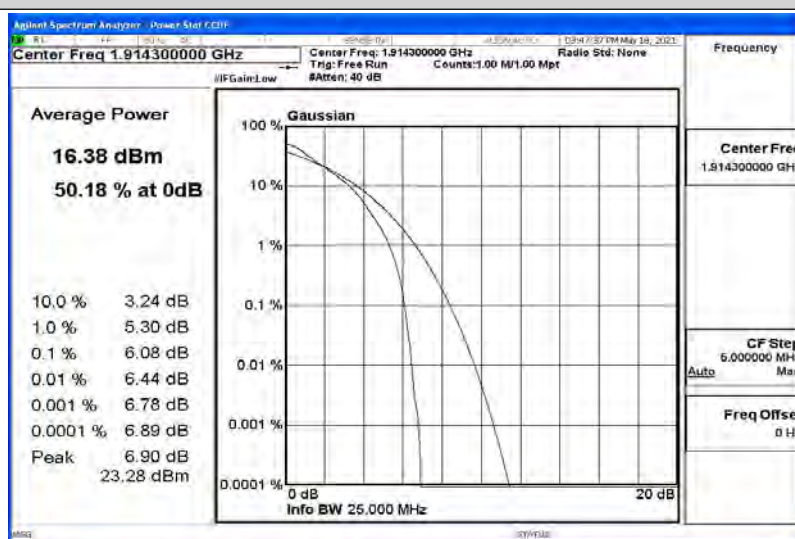
Band25-1.4MHz-QPSK-26047-6RB#0



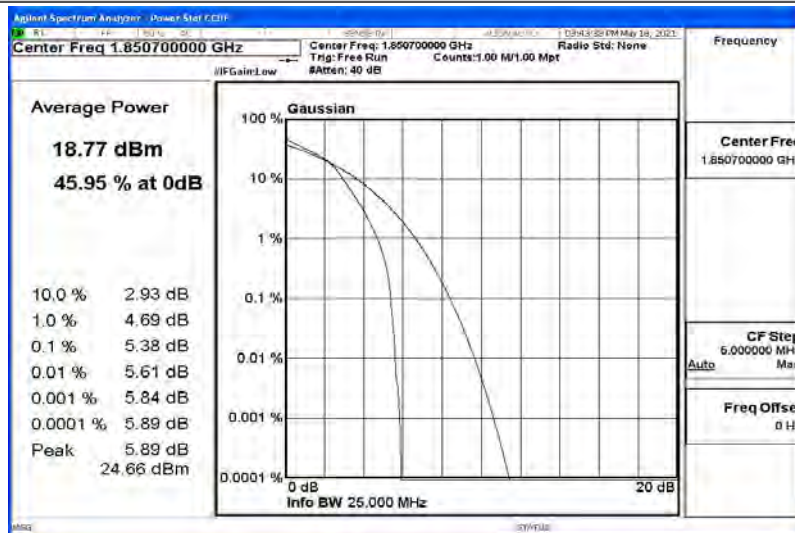
Band25-1.4MHz-QPSK-26365-6RB#0



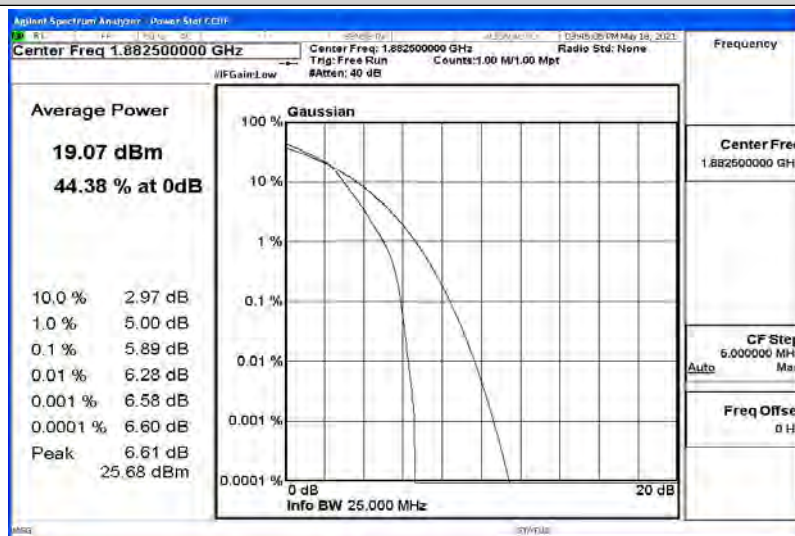
Band25-1.4MHz-QPSK-26683-6RB#0



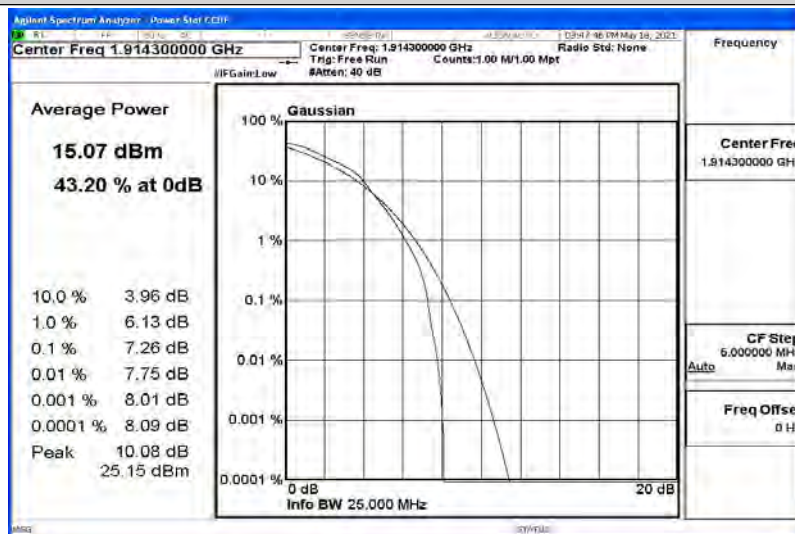
Band25-1.4MHz-16QAM-26047-6RB#0



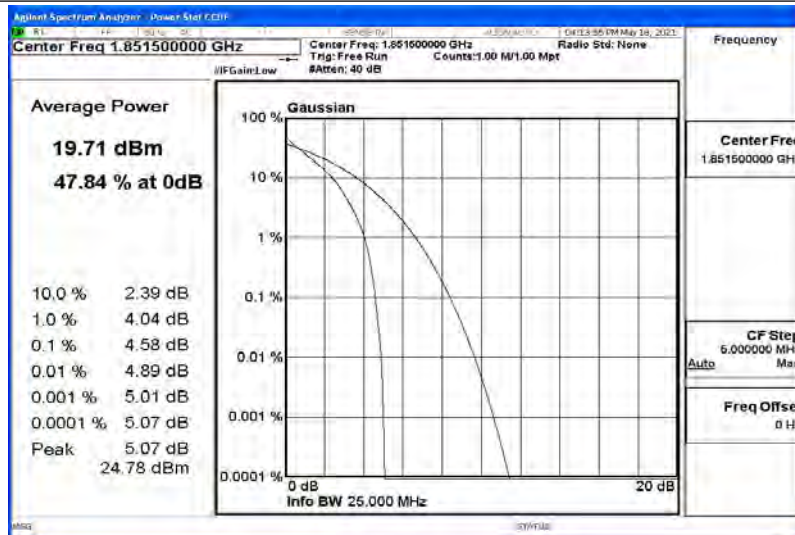
Band25-1.4MHz-16QAM-26365-6RB#0



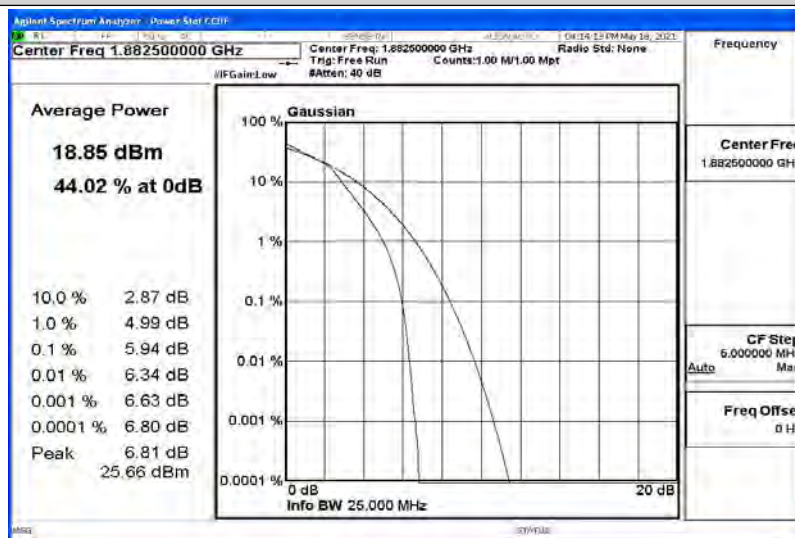
Band25-1.4MHz-16QAM-26683-6RB#0



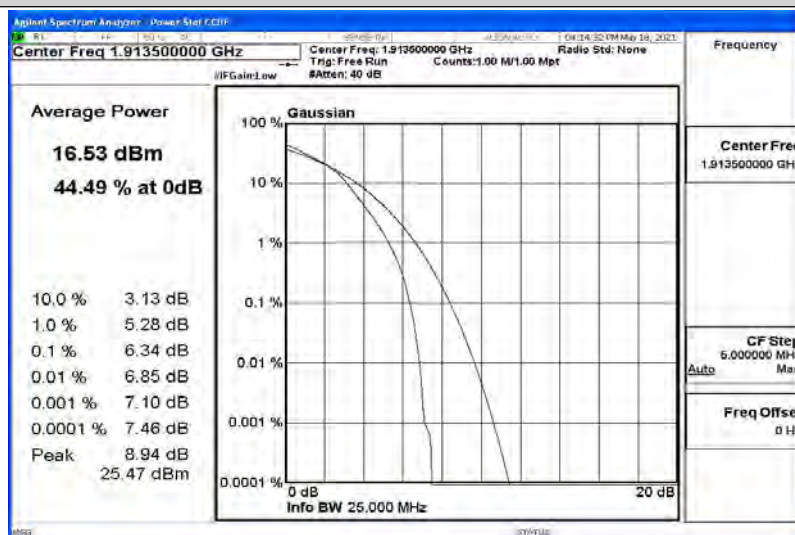
Band25-3MHz-QPSK-26055-15RB#0



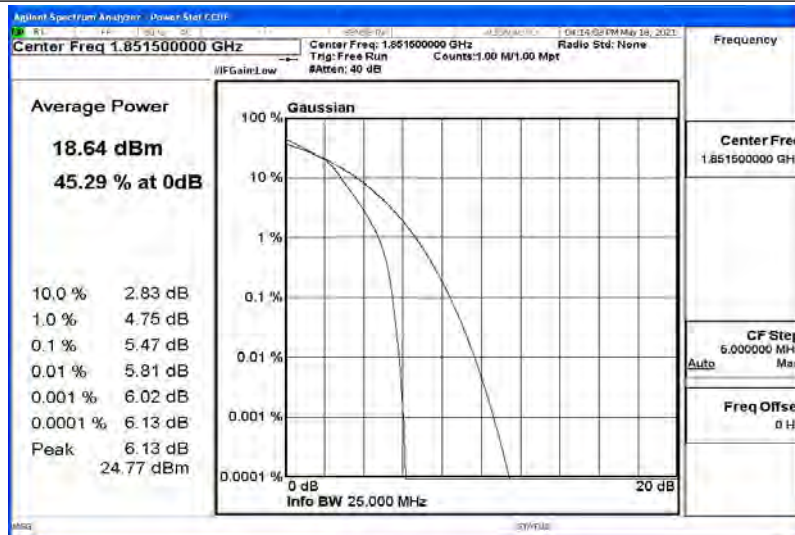
Band25-3MHz-QPSK-26365-15RB#0



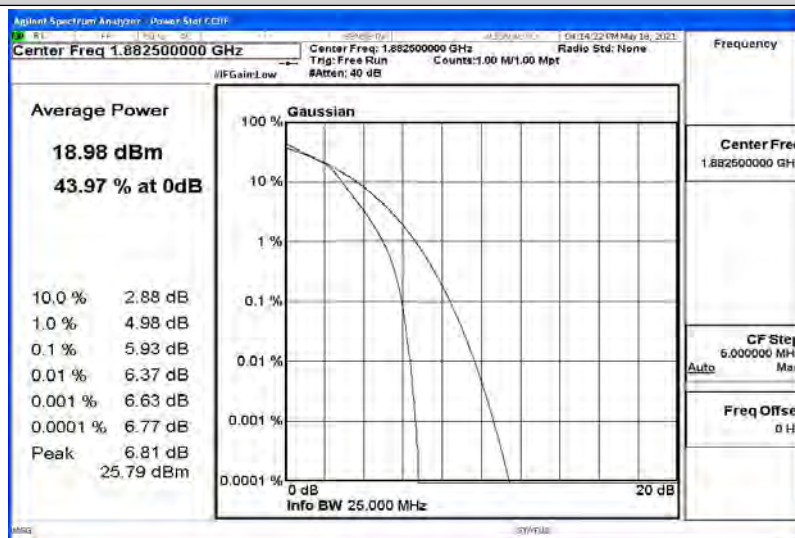
Band25-3MHz-QPSK-26675-15RB#0



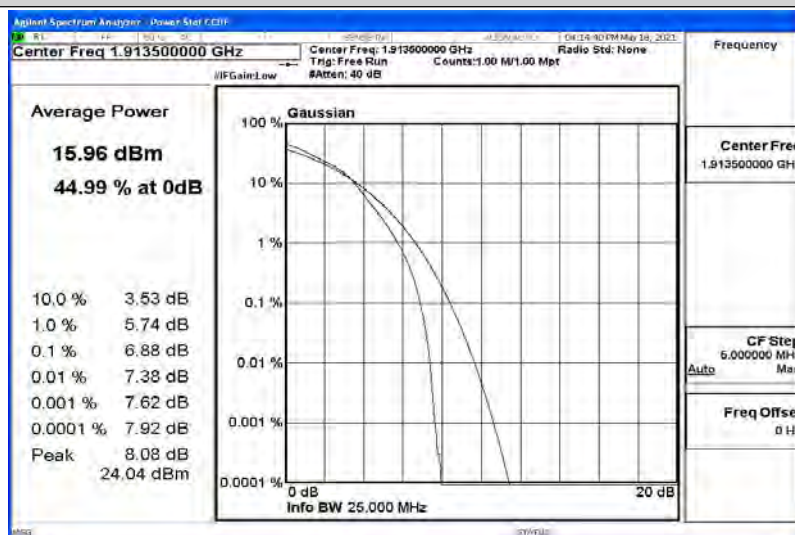
Band25-3MHz-16QAM-26055-15RB#0



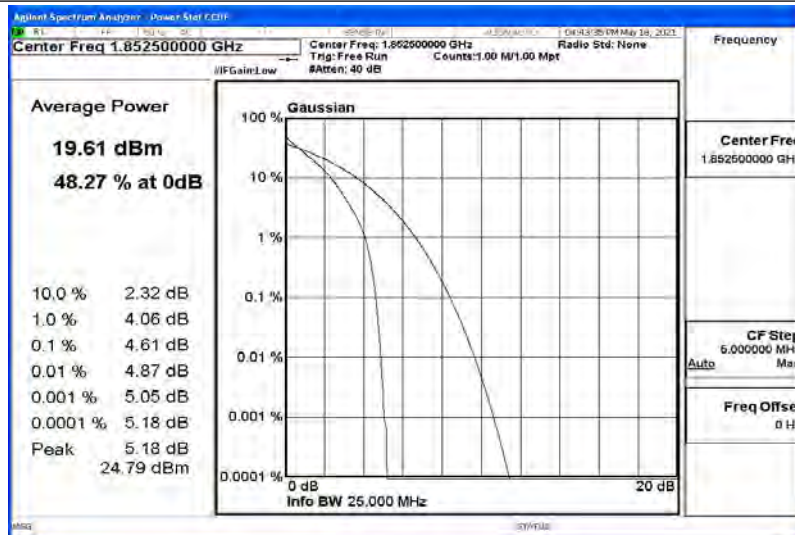
Band25-3MHz-16QAM-26365-15RB#0



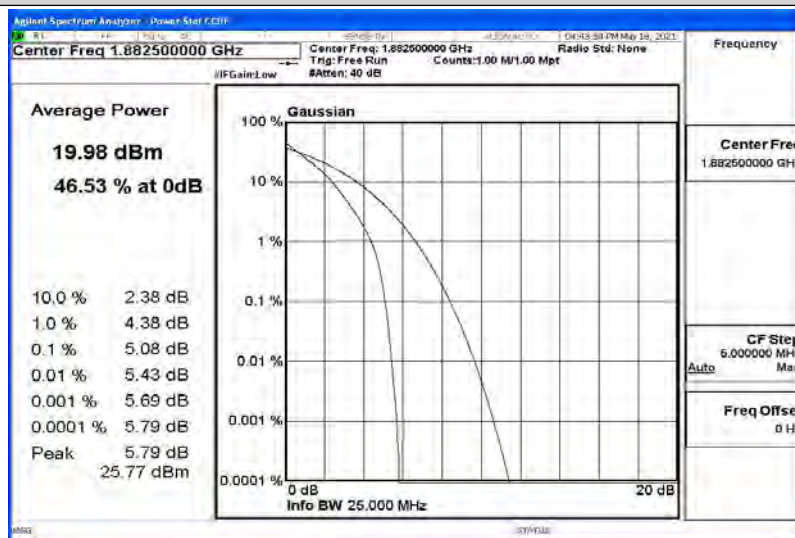
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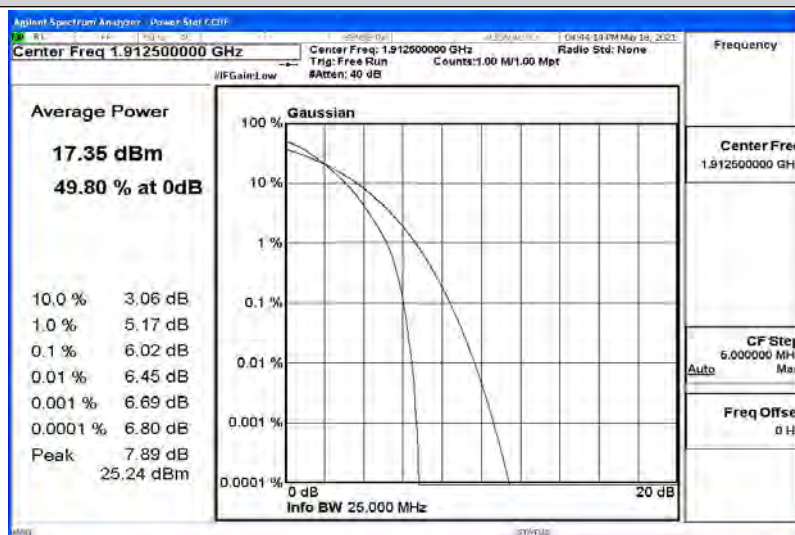
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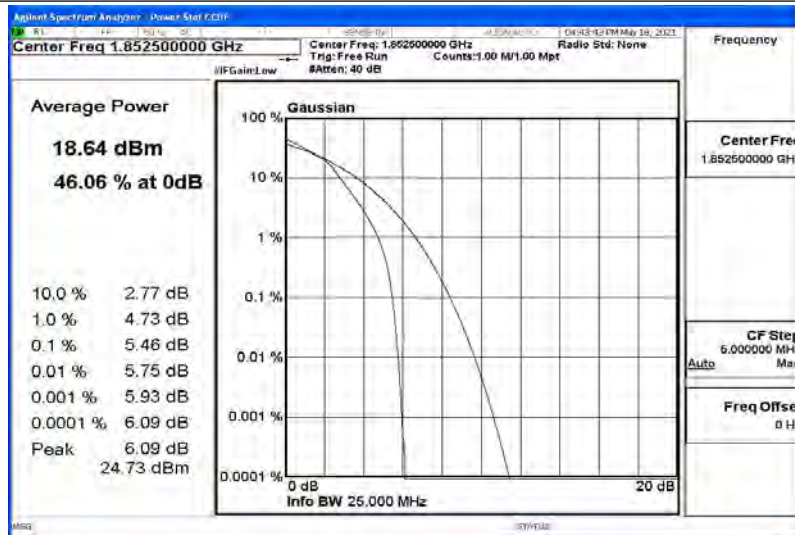
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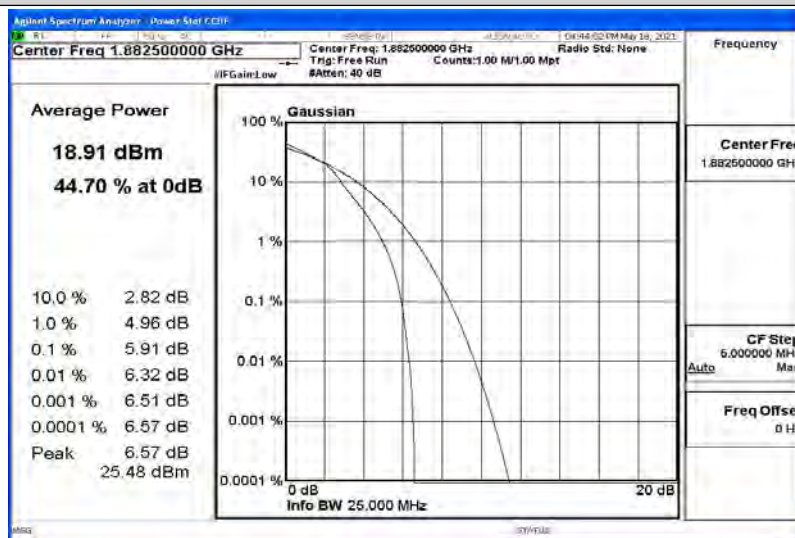
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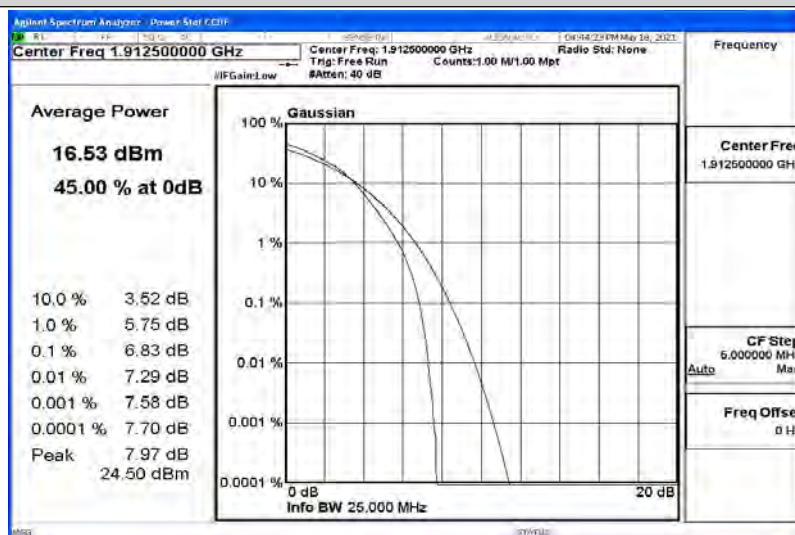
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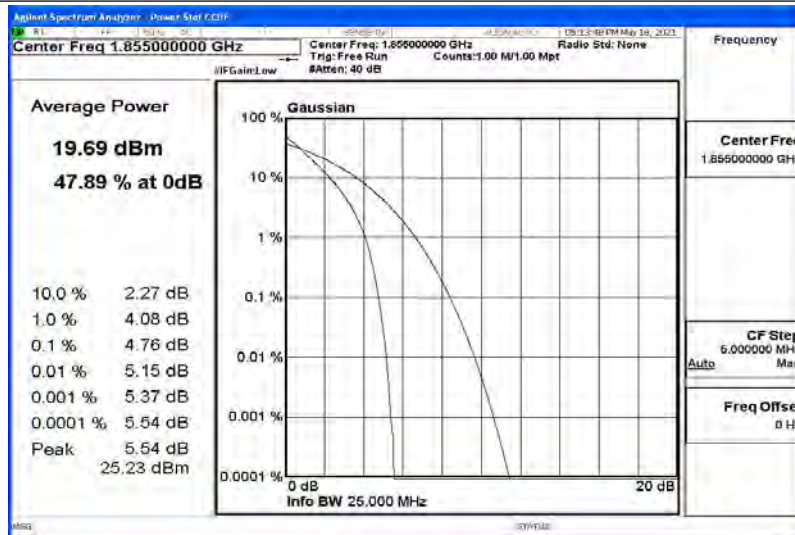
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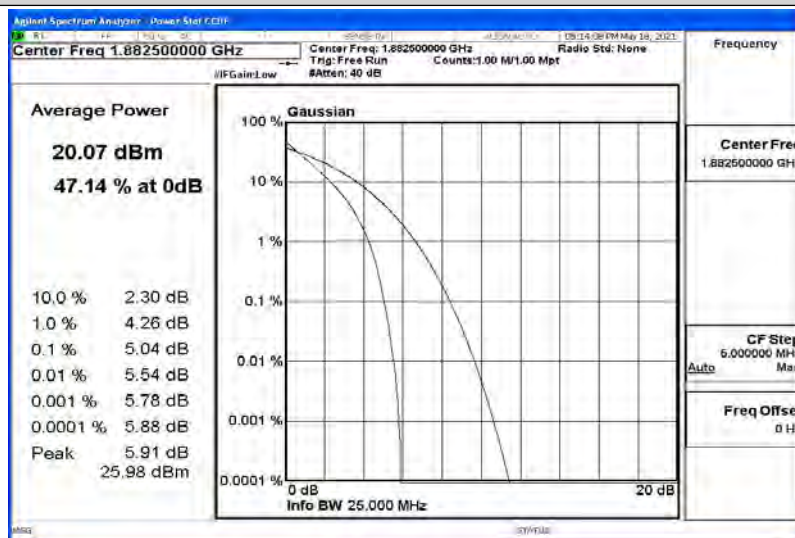
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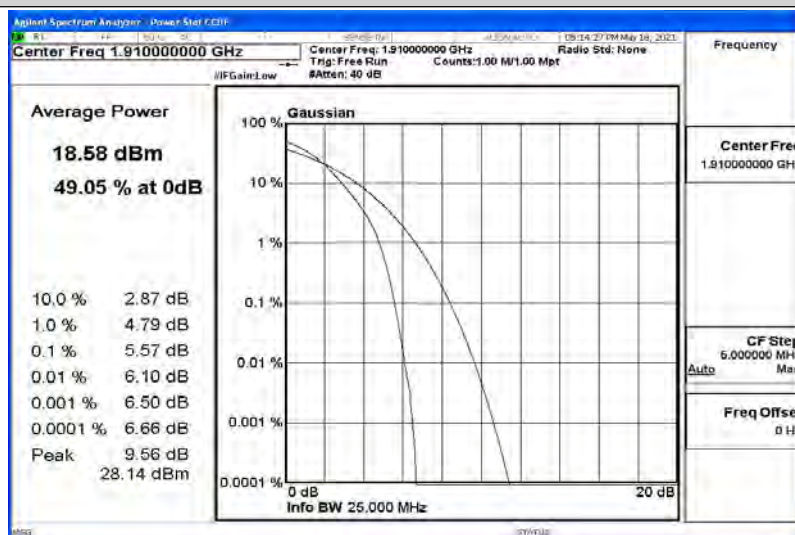
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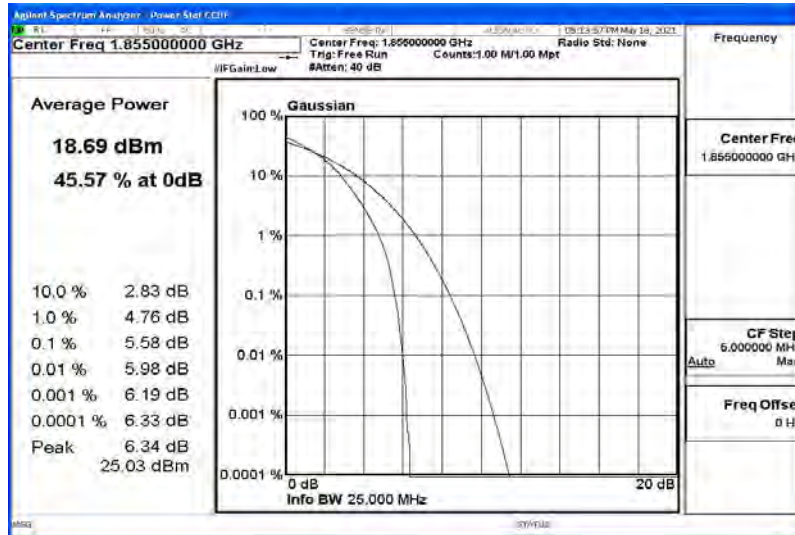
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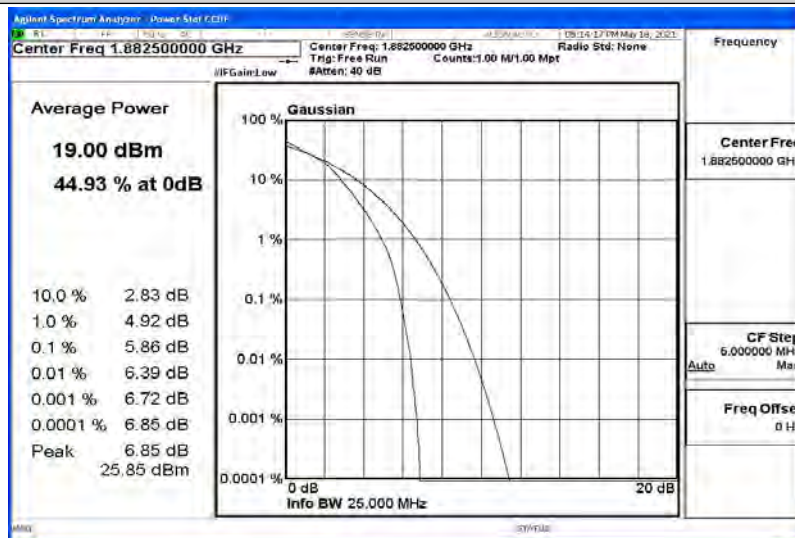
Band25-10MHz-QPSK-26640-50RB#0



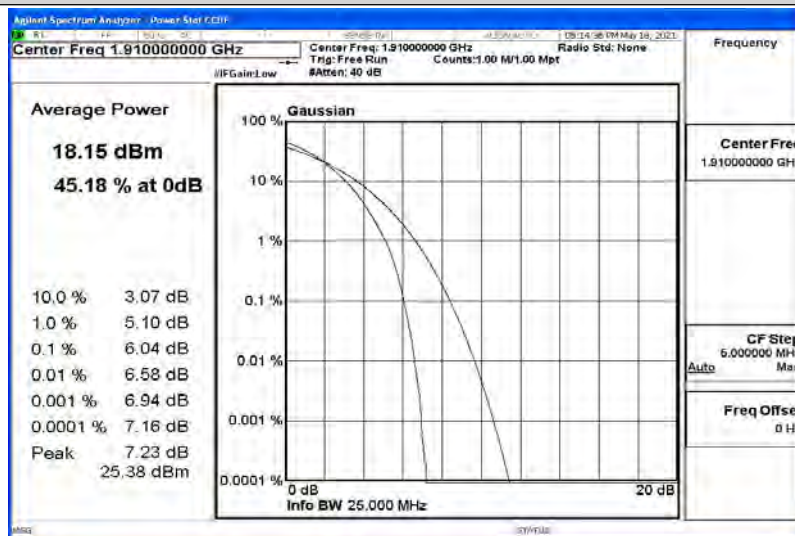
Band25-10MHz-16QAM-26090-50RB#0



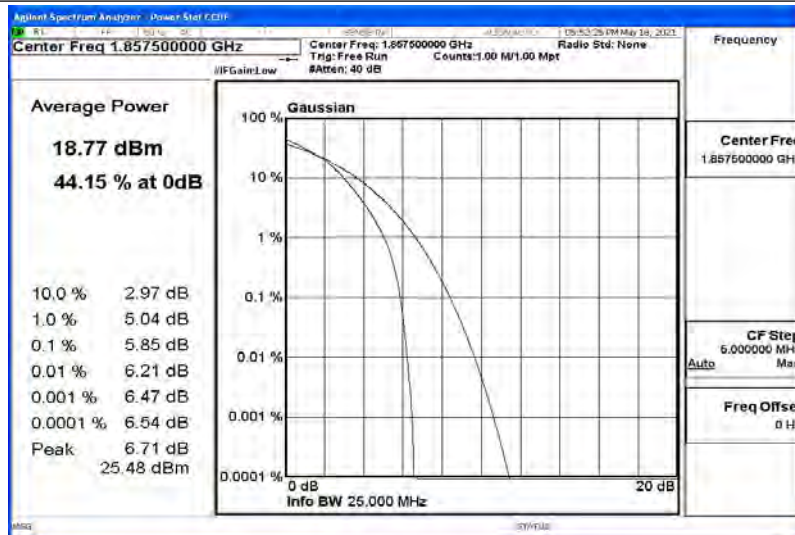
Band25-10MHz-16QAM-26365-50RB#0



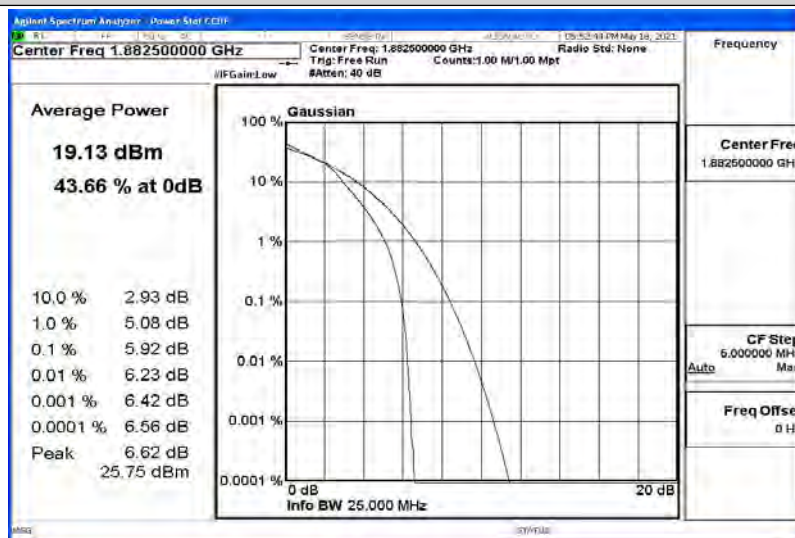
Band25-10MHz-16QAM-26640-50RB#0



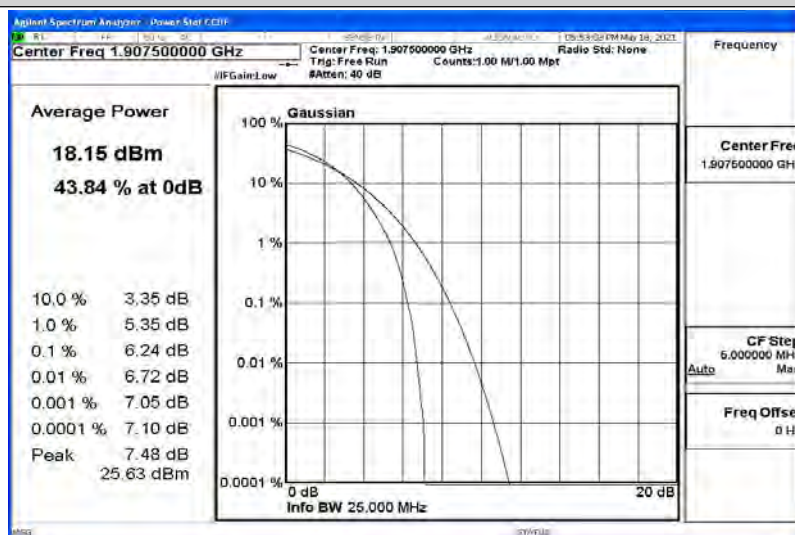
Band25-15MHz-QPSK-26115-75RB#0



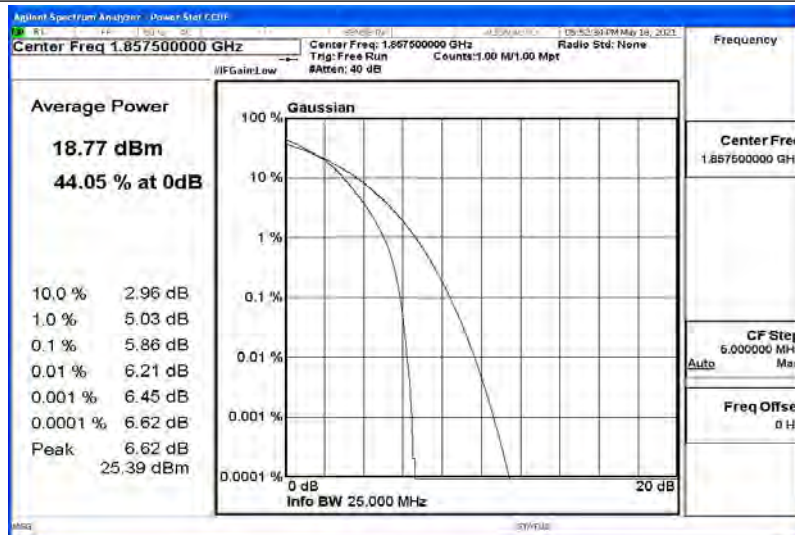
Band25-15MHz-QPSK-26365-75RB#0



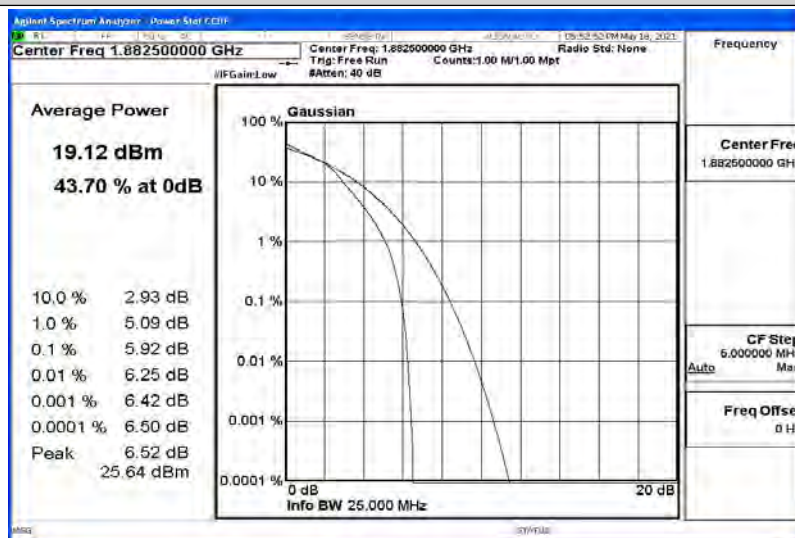
Band25-15MHz-QPSK-26615-75RB#0



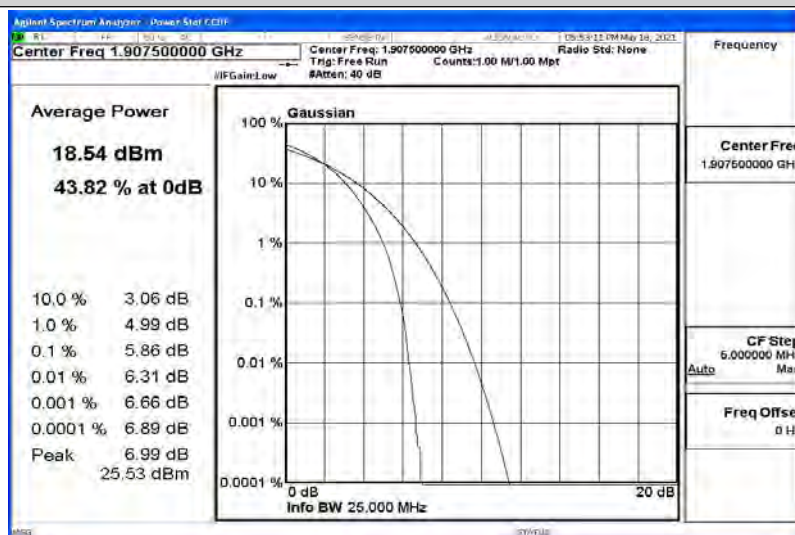
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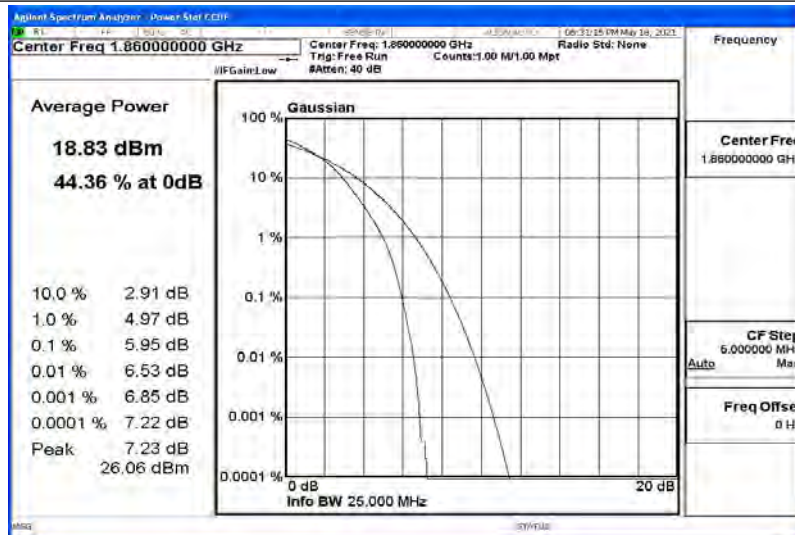
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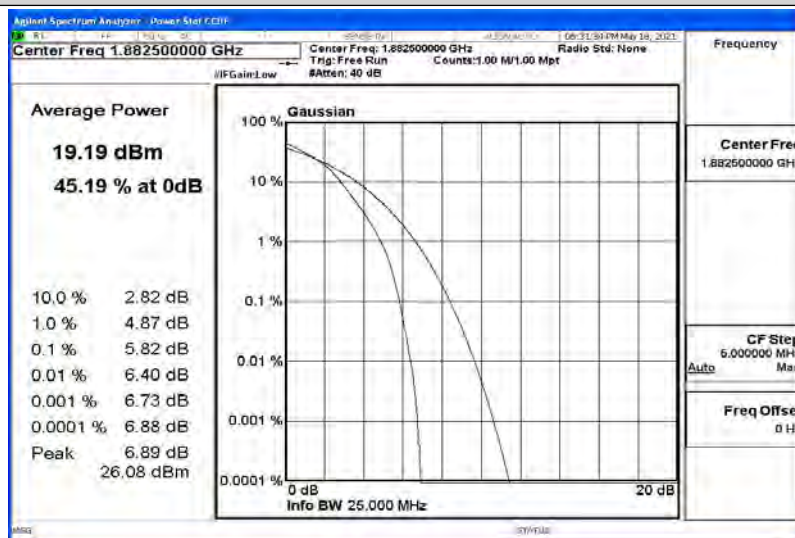
Band25-15MHz-16QAM-26615-75RB#0



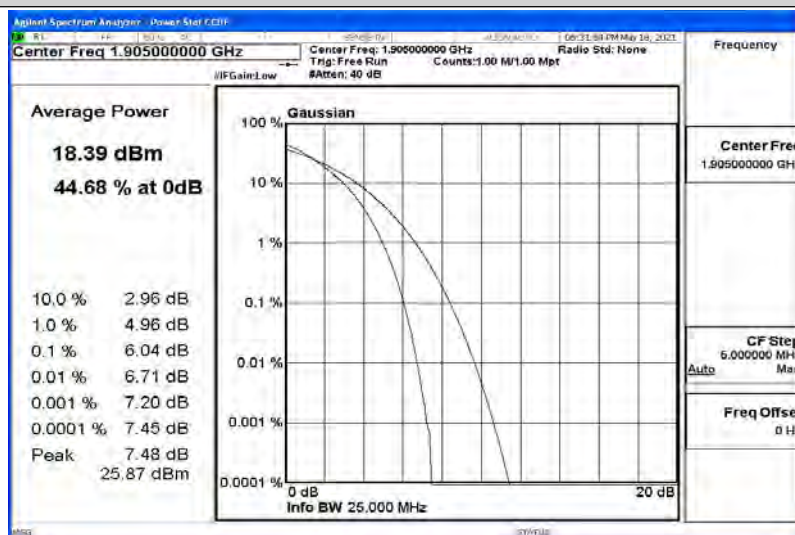
Band25-20MHz-QPSK-26140-100RB#0



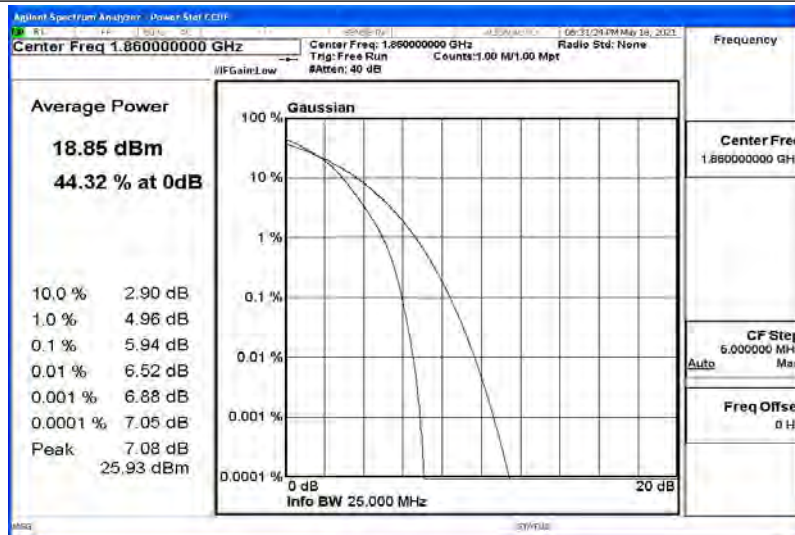
Band25-20MHz-QPSK-26365-100RB#0



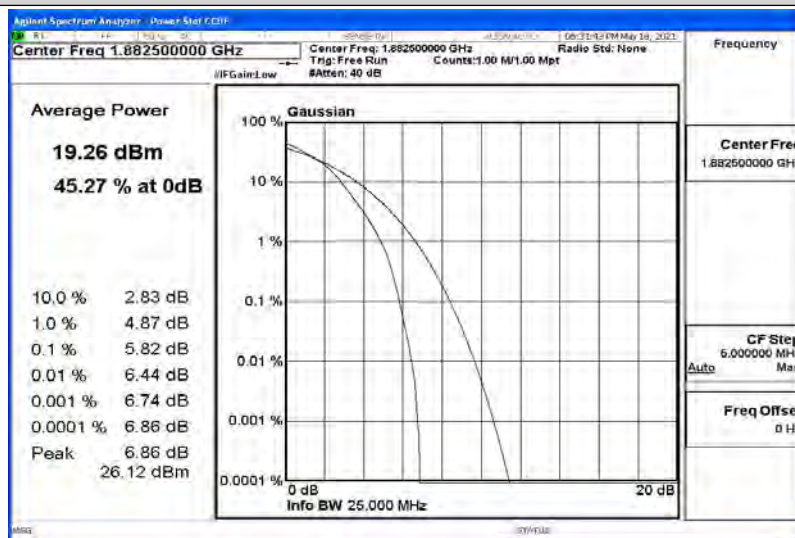
Band25-20MHz-QPSK-26590-100RB#0



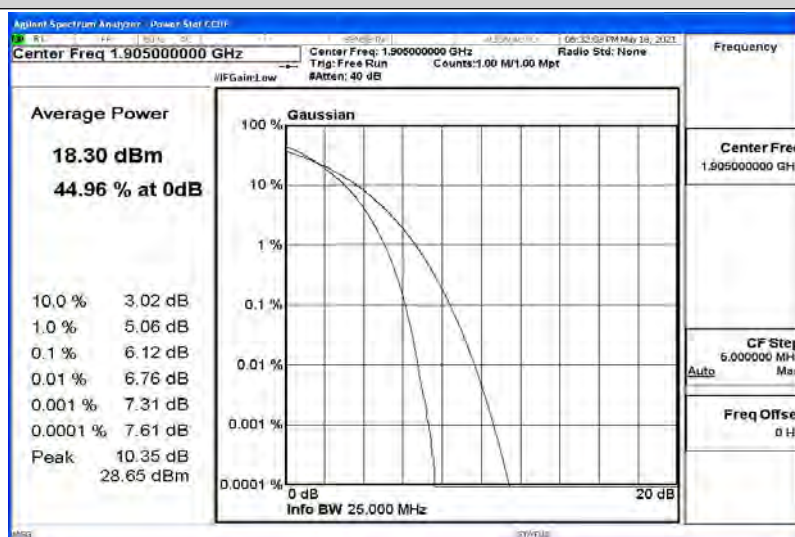
Band25-20MHz-16QAM-26140-100RB#0



Band25-20MHz-16QAM-26365-100RB#0



Band25-20MHz-16QAM-26590-100RB#0



L.3 26dB Bandwidth and Occupied Bandwidth

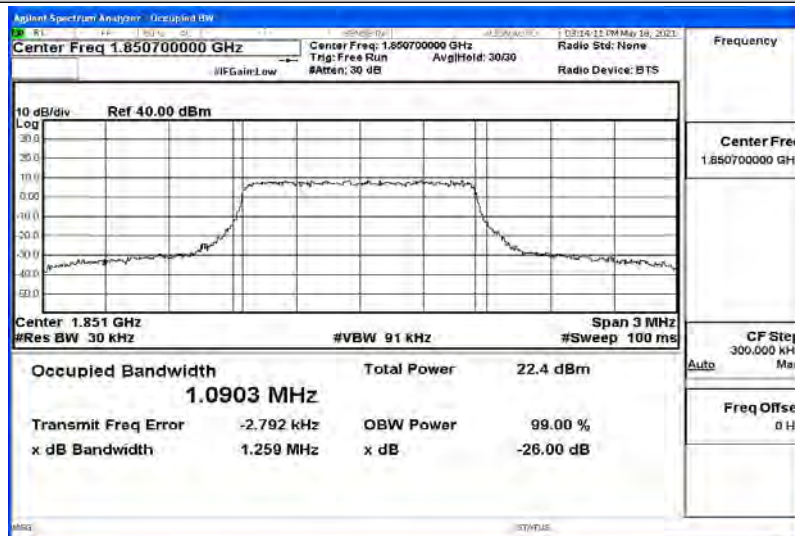
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band25	1.4MHz	QPSK	26047	6RB#0	1.0903	1.259	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	1.0870	1.250	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	1.0886	1.246	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	1.0911	1.277	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	1.0903	1.252	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	1.0927	1.270	PASS
Band25	3MHz	QPSK	26055	15RB#0	2.6969	2.912	PASS
Band25	3MHz	QPSK	26365	15RB#0	2.6886	2.927	PASS
Band25	3MHz	QPSK	26675	15RB#0	2.6932	2.902	PASS
Band25	3MHz	16QAM	26055	15RB#0	2.6919	2.935	PASS
Band25	3MHz	16QAM	26365	15RB#0	2.6896	2.899	PASS
Band25	3MHz	16QAM	26675	15RB#0	2.6924	2.910	PASS
Band25	5MHz	QPSK	26065	25RB#0	4.5047	4.866	PASS
Band25	5MHz	QPSK	26365	25RB#0	4.5000	4.897	PASS
Band25	5MHz	QPSK	26665	25RB#0	4.4984	4.839	PASS
Band25	5MHz	16QAM	26065	25RB#0	4.5070	4.874	PASS
Band25	5MHz	16QAM	26365	25RB#0	4.5070	4.899	PASS
Band25	5MHz	16QAM	26665	25RB#0	4.4928	4.877	PASS
Band25	10MHz	QPSK	26090	50RB#0	8.9439	9.504	PASS
Band25	10MHz	QPSK	26365	50RB#0	8.9757	9.554	PASS
Band25	10MHz	QPSK	26640	50RB#0	8.9184	9.505	PASS
Band25	10MHz	16QAM	26090	50RB#0	8.9442	9.512	PASS
Band25	10MHz	16QAM	26365	50RB#0	8.9517	9.523	PASS
Band25	10MHz	16QAM	26640	50RB#0	8.9070	9.503	PASS
Band25	15MHz	QPSK	26115	75RB#0	13.420	14.24	PASS
Band25	15MHz	QPSK	26365	75RB#0	13.419	14.26	PASS
Band25	15MHz	QPSK	26615	75RB#0	13.314	14.16	PASS
Band25	15MHz	16QAM	26115	75RB#0	13.418	14.22	PASS
Band25	15MHz	16QAM	26365	75RB#0	13.417	14.25	PASS
Band25	15MHz	16QAM	26615	75RB#0	13.312	14.15	PASS
Band25	20MHz	QPSK	26140	100RB#0	17.951	18.98	PASS
Band25	20MHz	QPSK	26365	100RB#0	17.852	18.93	PASS
Band25	20MHz	QPSK	26590	100RB#0	17.758	18.88	PASS
Band25	20MHz	16QAM	26140	100RB#0	17.930	18.99	PASS
Band25	20MHz	16QAM	26365	100RB#0	17.848	18.92	PASS

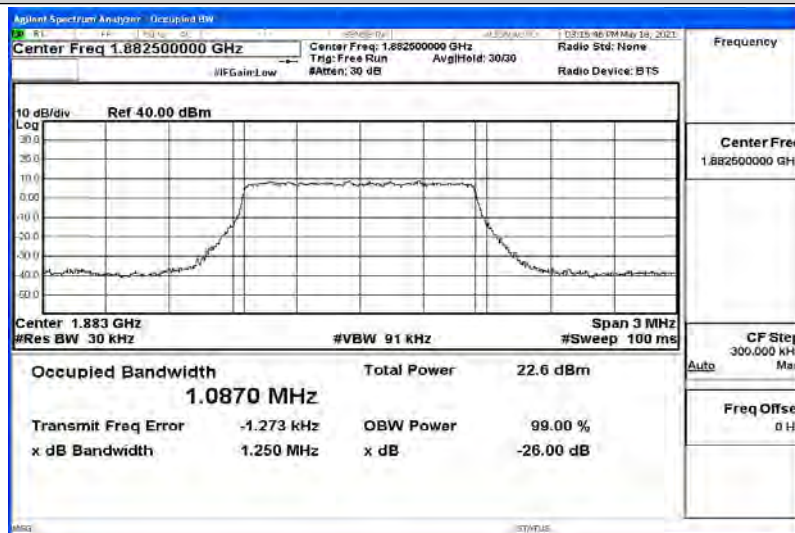
Band25	20MHz	16QAM	26590	100RB#0	17.744	18.86	PASS
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Test Graphs

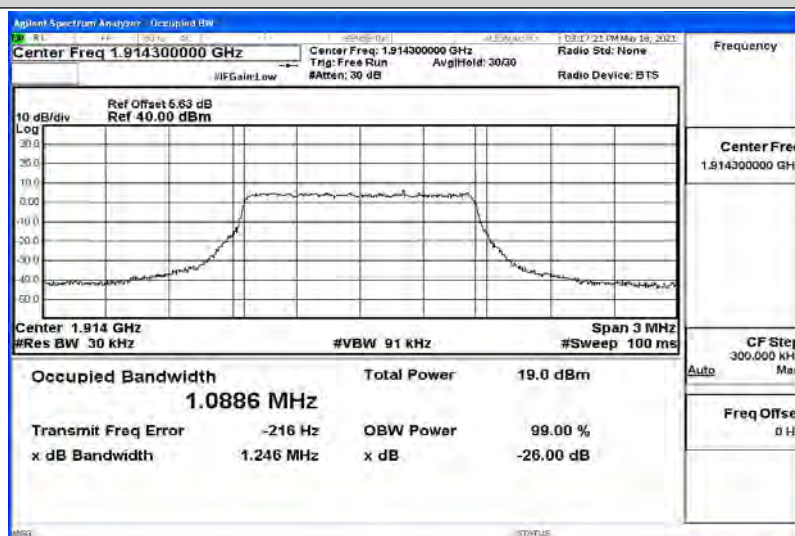
Band25-1.4MHz-QPSK-26047-6RB#0-1.0903



Band25-1.4MHz-QPSK-26365-6RB#0-1.0870



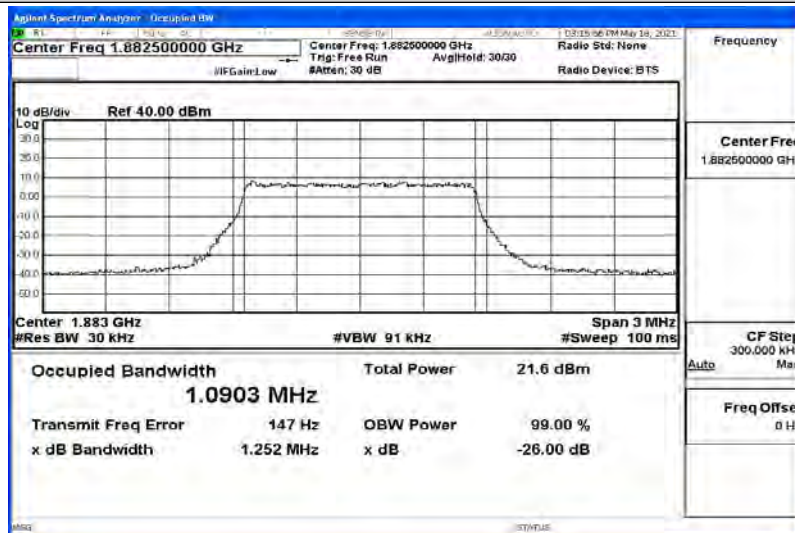
Band25-1.4MHz-QPSK-26683-6RB#0-1.0886



Band25-1.4MHz-16QAM-26047-6RB#0-1.0911



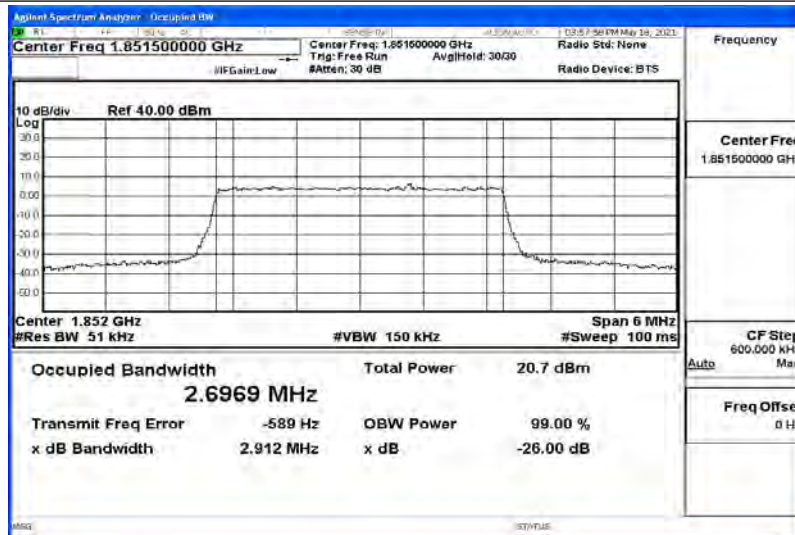
Band25-1.4MHz-16QAM-26365-6RB#0-1.0903



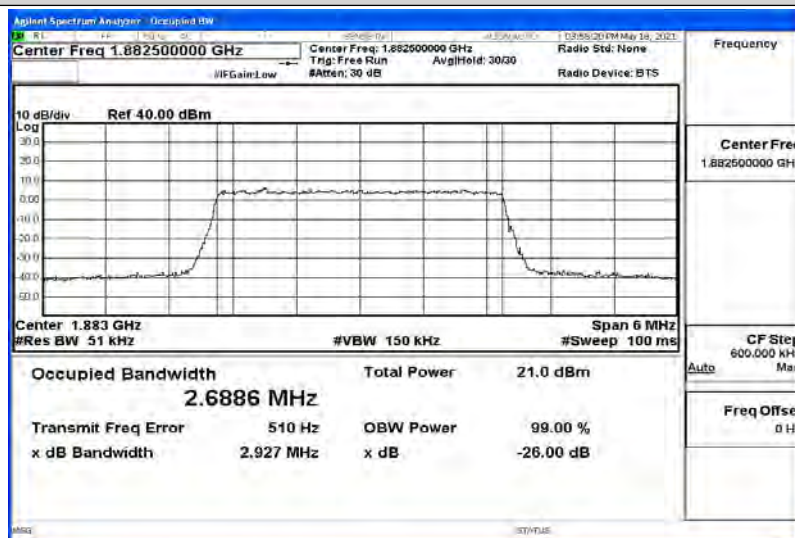
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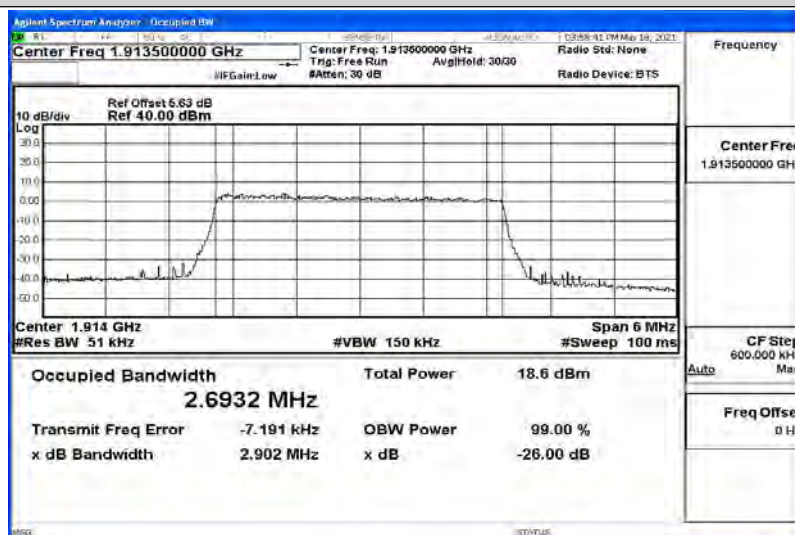
Band25-3MHz-QPSK-26055-15RB#0-2.6969



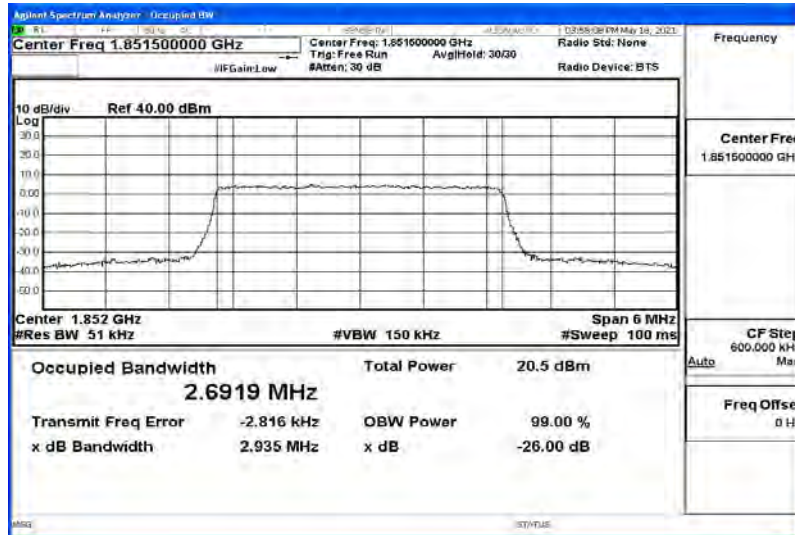
Band25-3MHz-QPSK-26365-15RB#0-2.6886



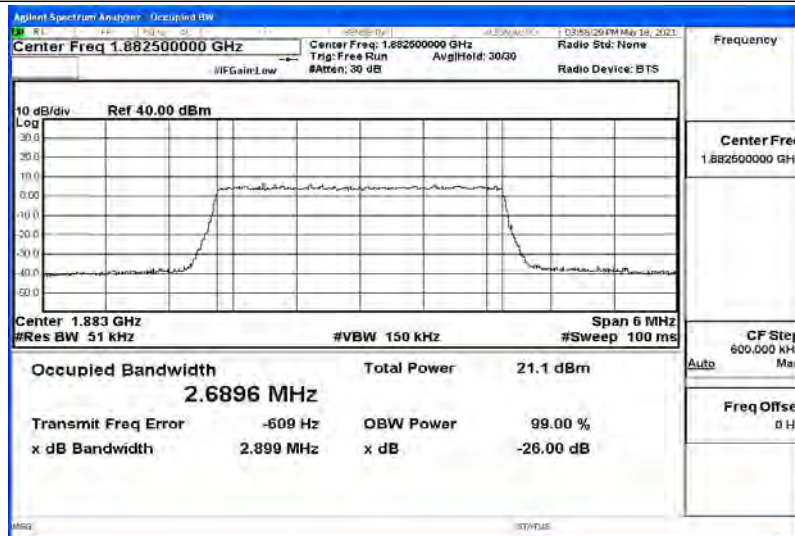
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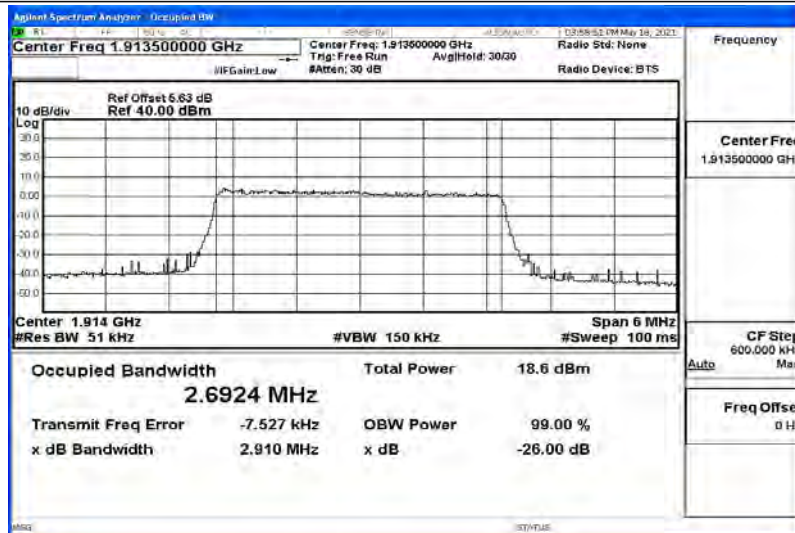
Band25-3MHz-16QAM-26055-15RB#0-2.6919



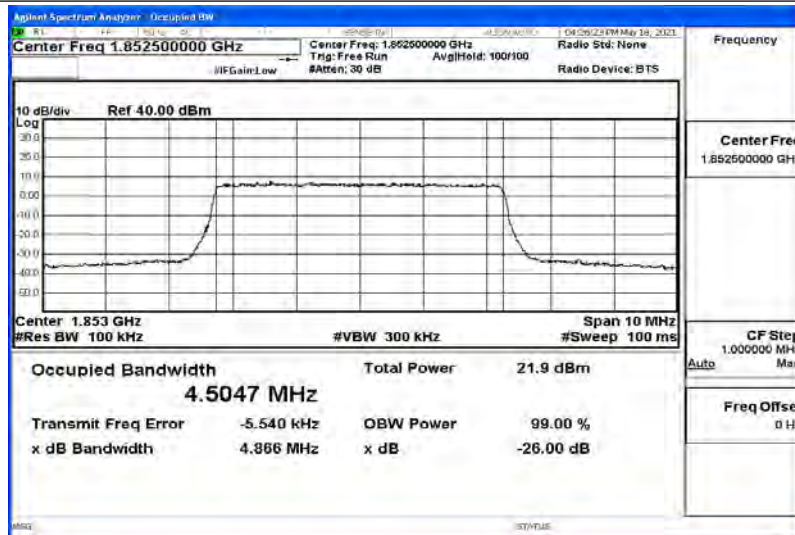
Band25-3MHz-16QAM-26365-15RB#0-2.6896



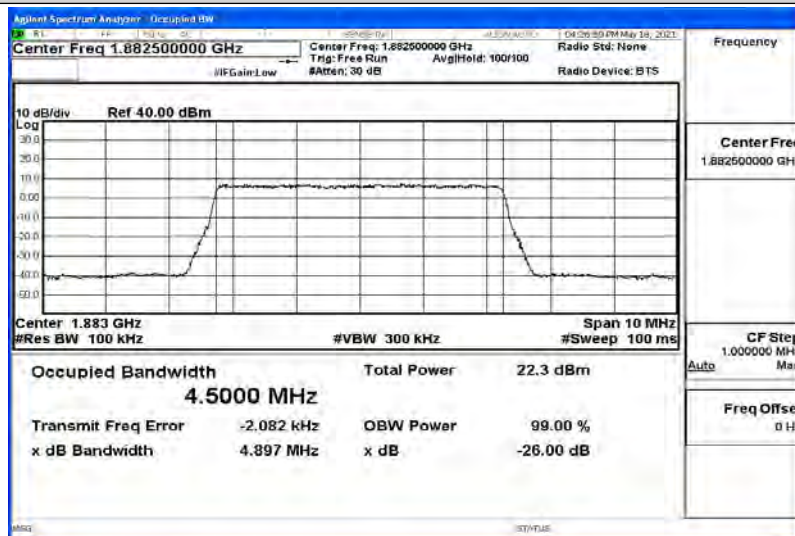
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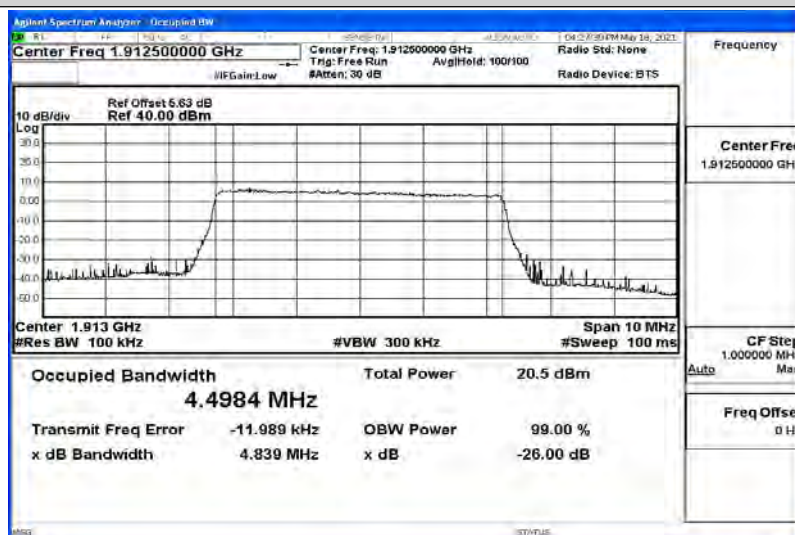
Band25-5MHz-QPSK-26065-25RB#0-4.5047



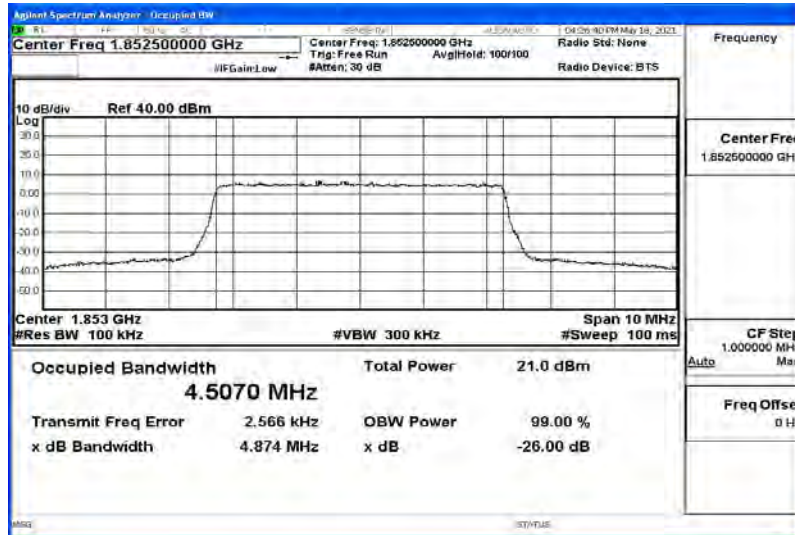
Band25-5MHz-QPSK-26365-25RB#0-4.5000



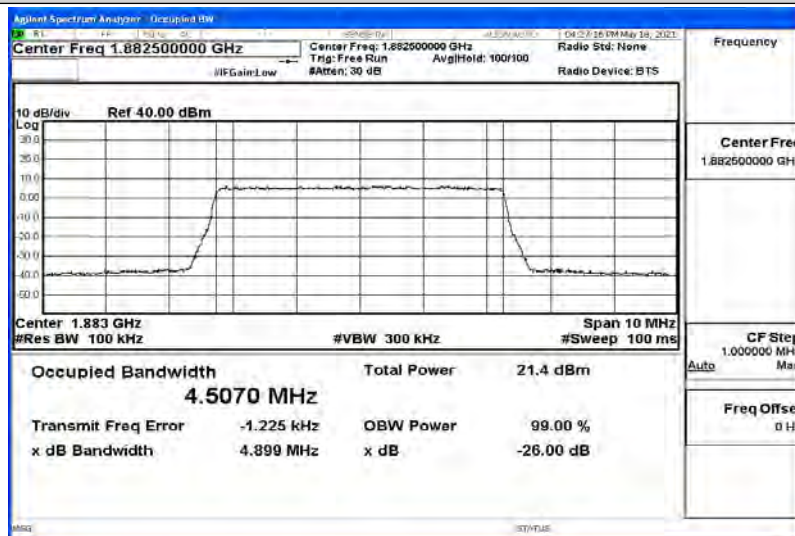
Band25-5MHz-QPSK-26665-25RB#0-4.4984



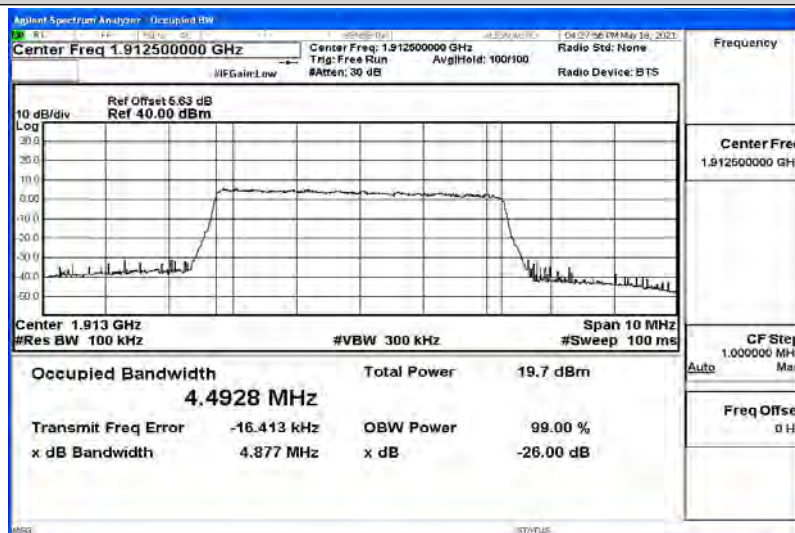
Band25-5MHz-16QAM-26065-25RB#0-4.5070



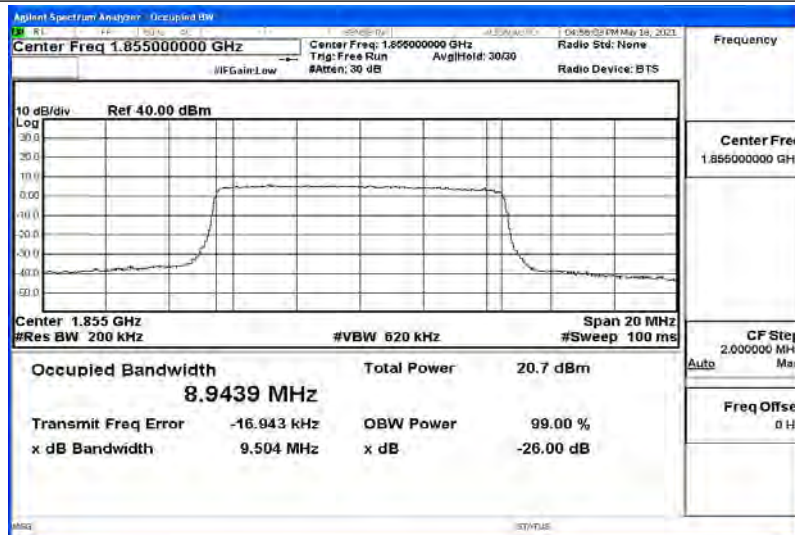
Band25-5MHz-16QAM-26365-25RB#0-4.5070



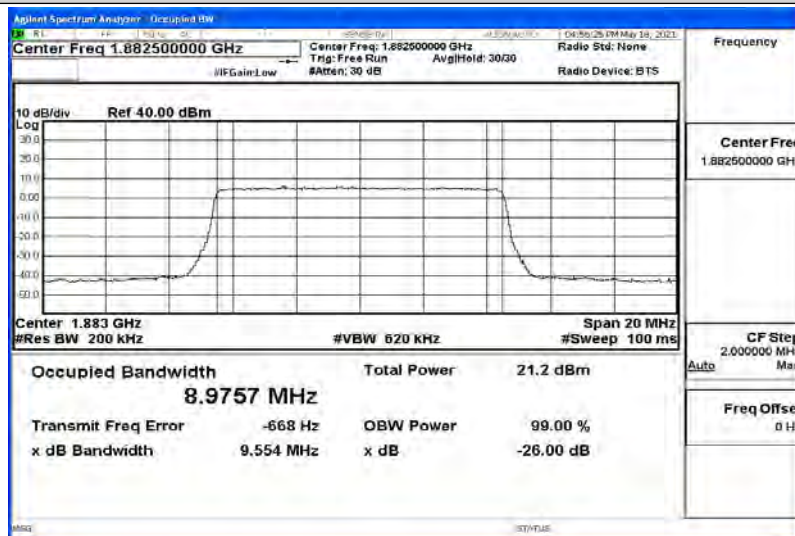
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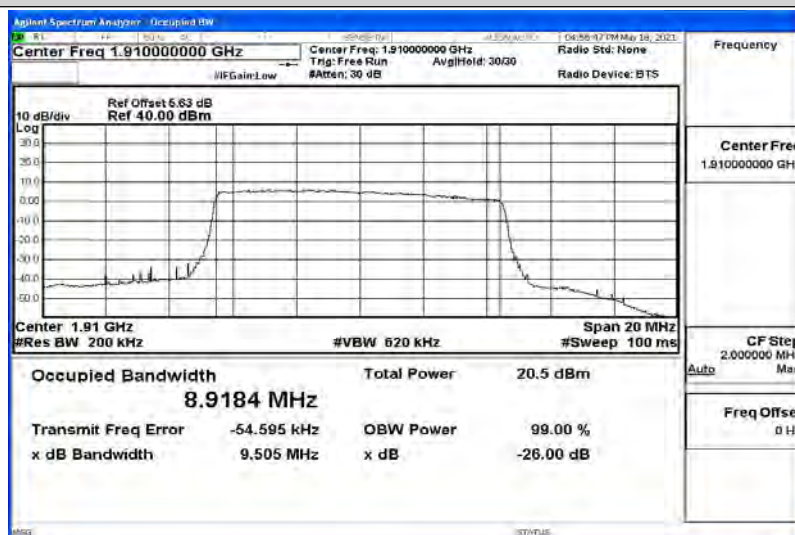
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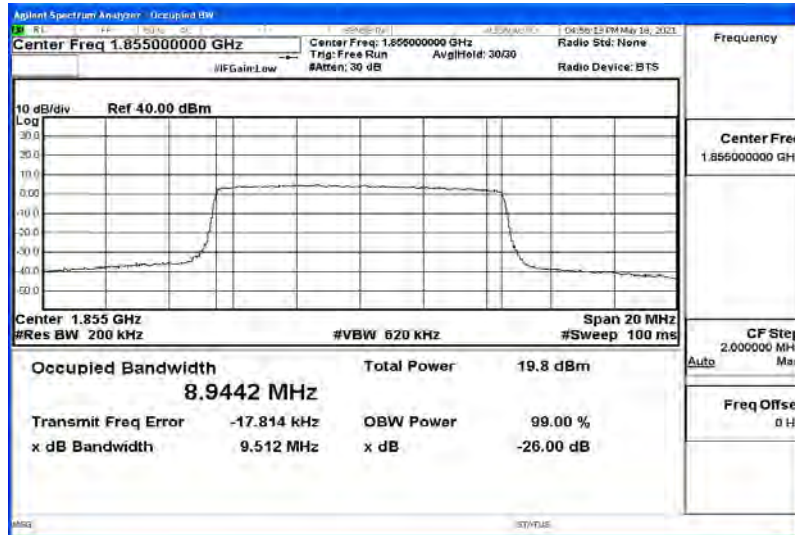
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Band25-10MHz-QPSK-26640-50RB#0-8.9184



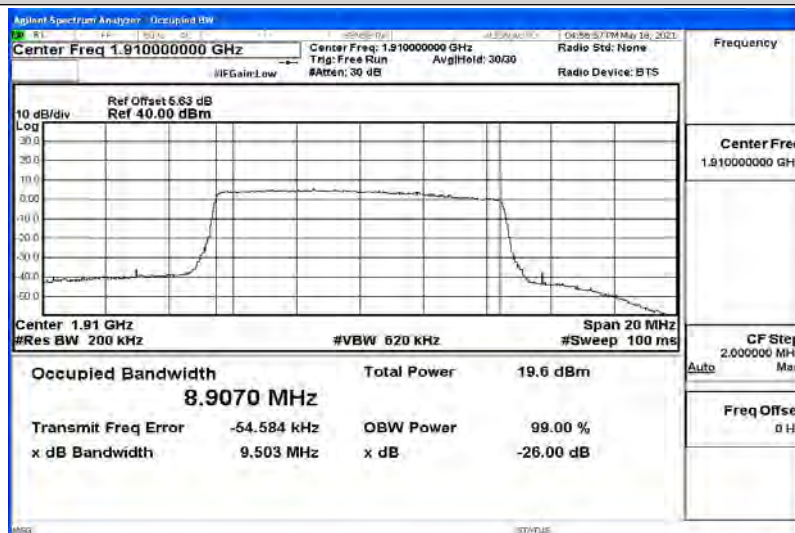
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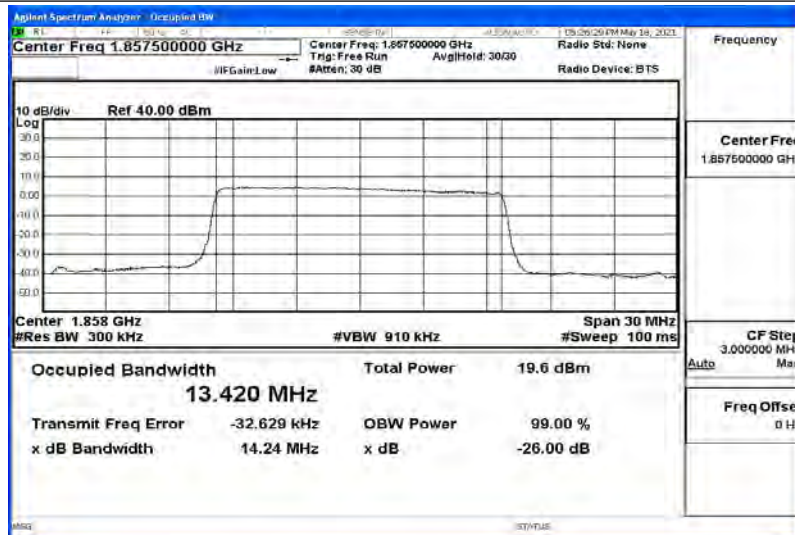
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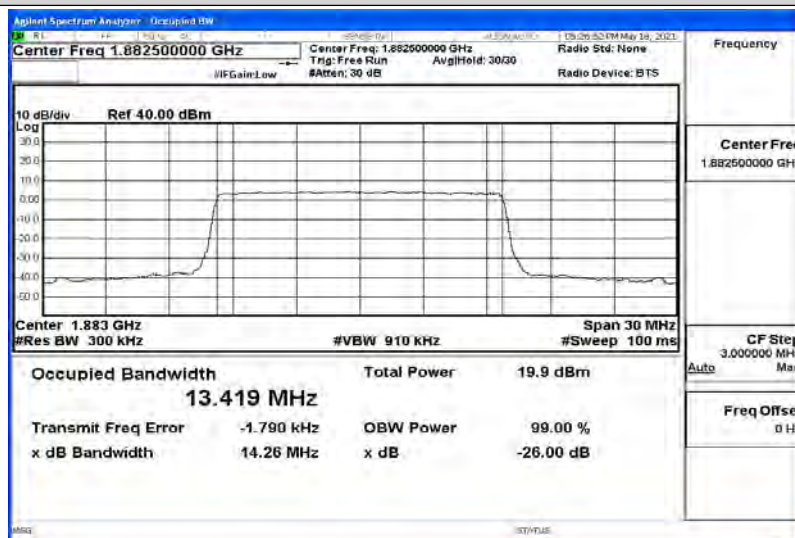
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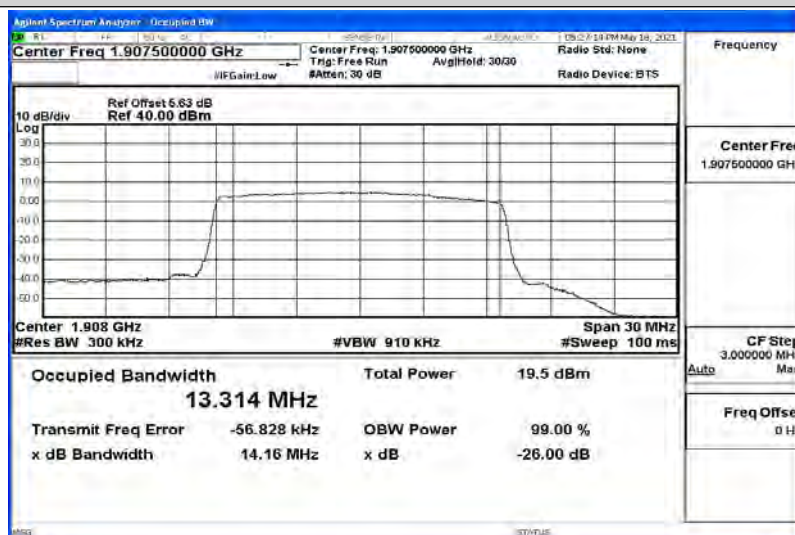
Band25-15MHz-QPSK-26115-75RB#0-13.420



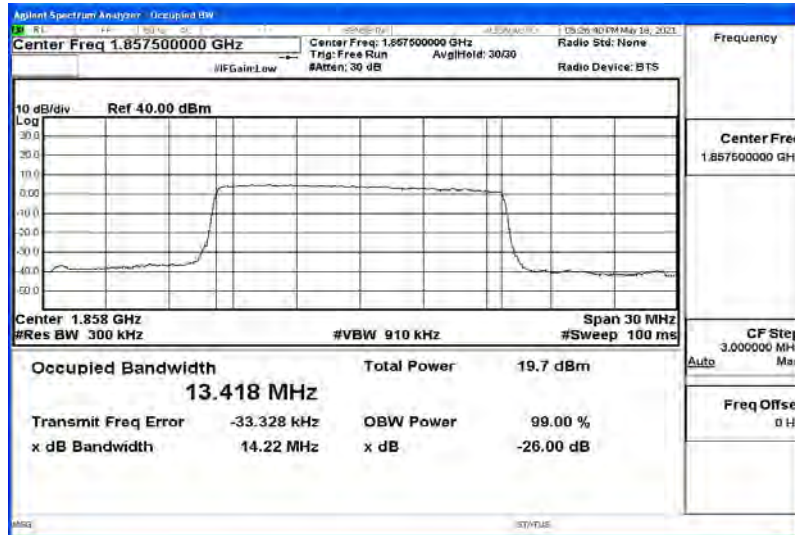
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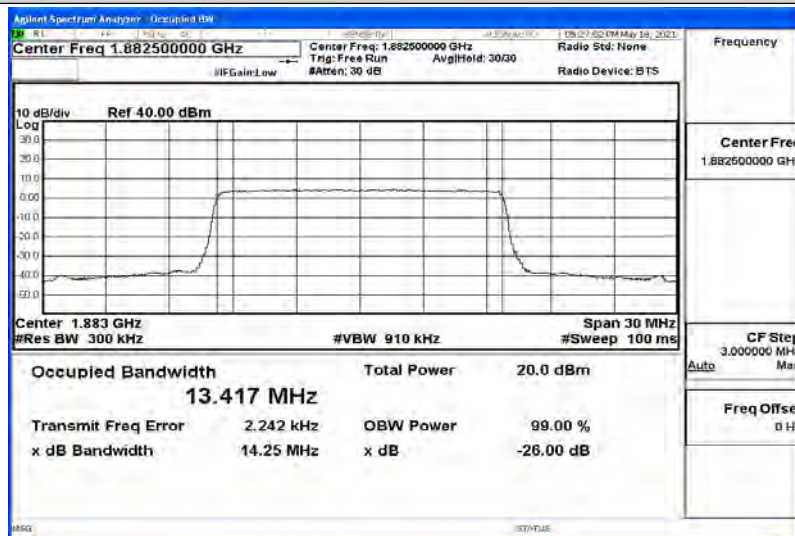
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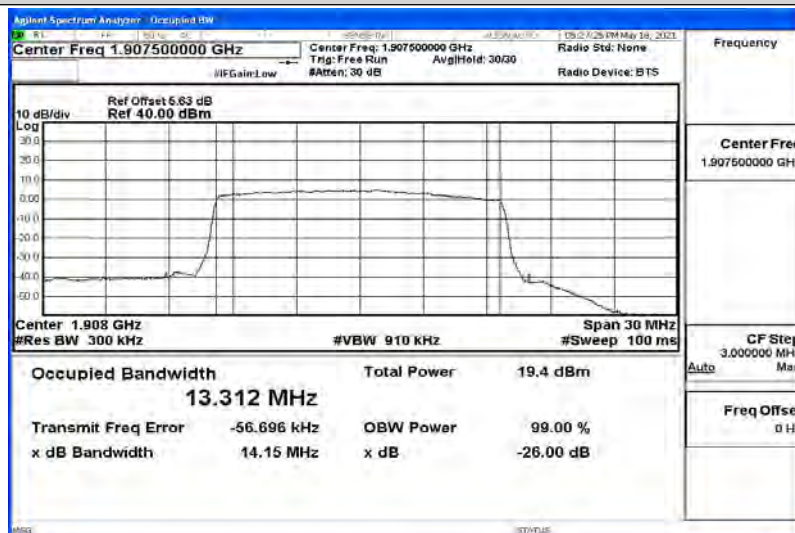
Band25-15MHz-16QAM-26115-75RB#0-13.418



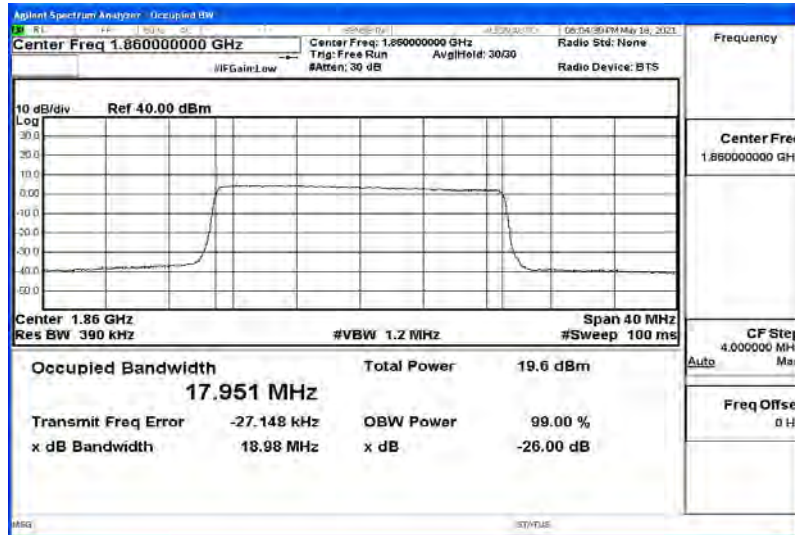
Band25-15MHz-16QAM-26365-75RB#0-13.417



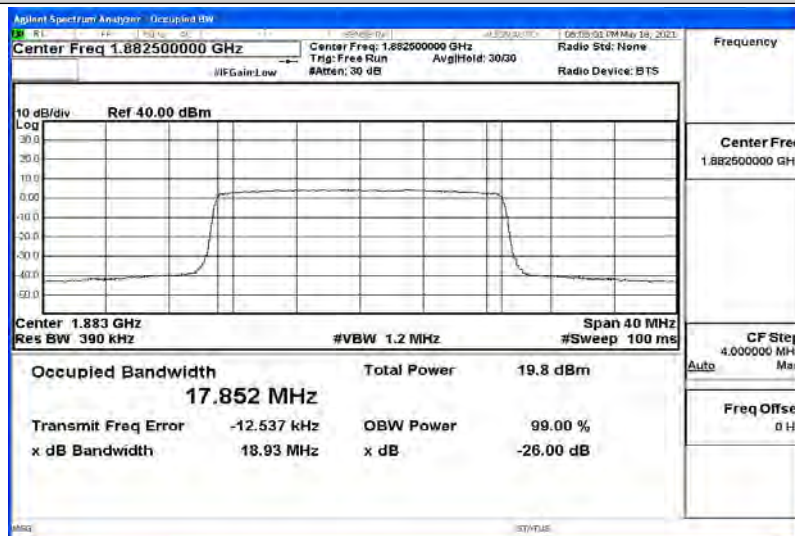
Band25-15MHz-16QAM-26615-75RB#0-13.312



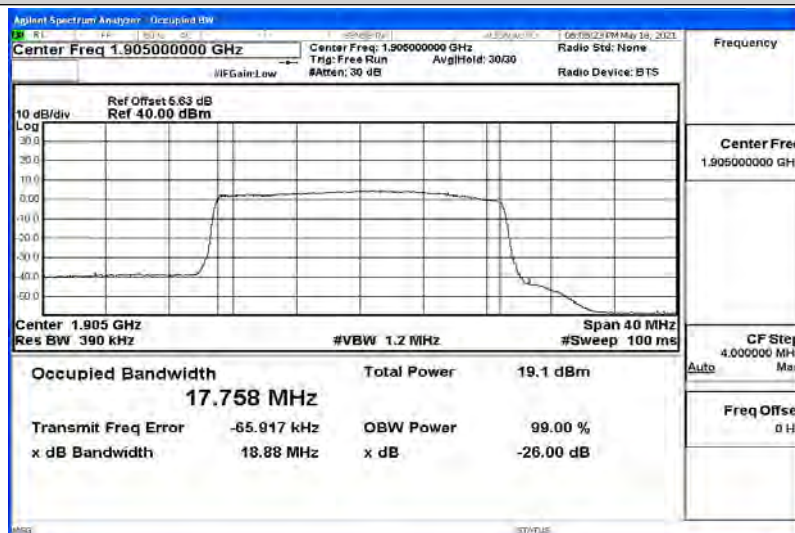
Band25-20MHz-QPSK-26140-100RB#0-17.951



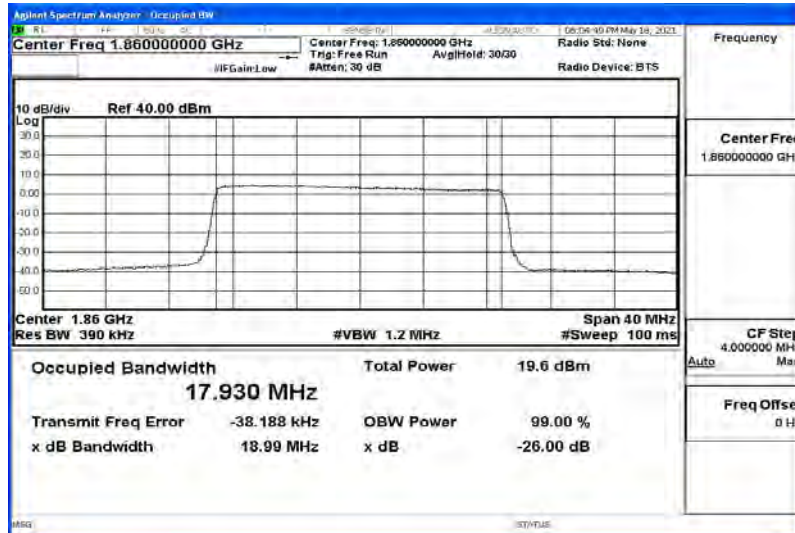
Band25-20MHz-QPSK-26365-100RB#0-17.852



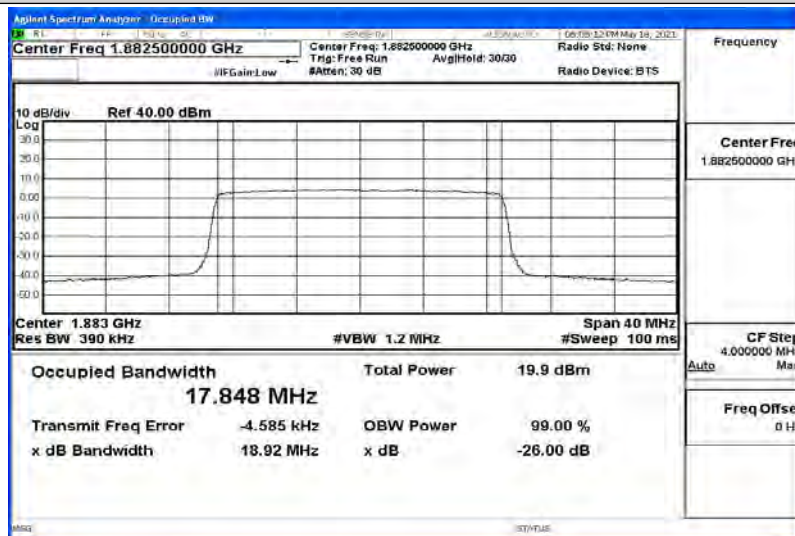
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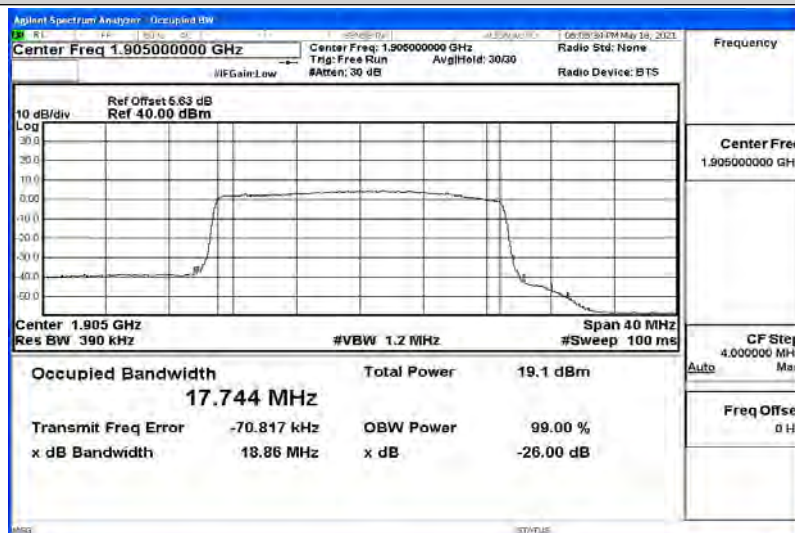
Band25-20MHz-16QAM-26140-100RB#0-17.930



Band25-20MHz-16QAM-26365-100RB#0-17.848



Band25-20MHz-16QAM-26590-100RB#0-17.744



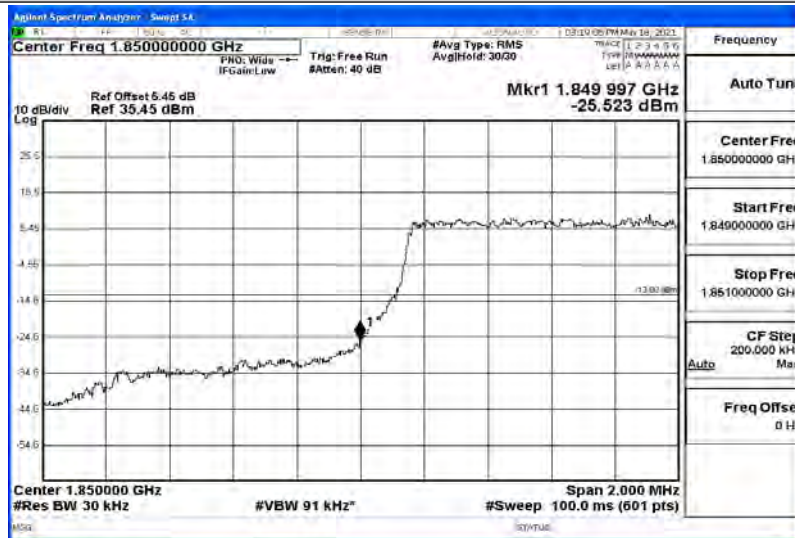
L.4 Band Edge

Test Result

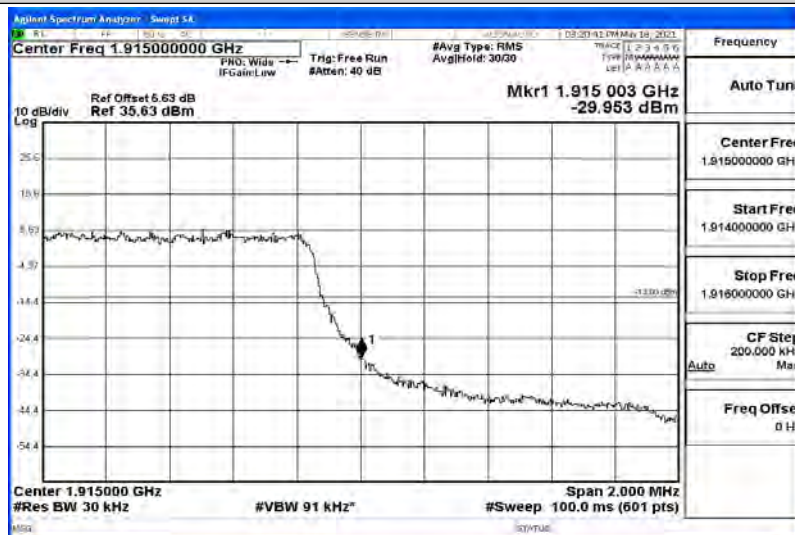
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band25	1.4MHz	QPSK	26047	6RB#0	-25.52	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	-29.95	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	-25.74	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	-30.48	PASS
Band25	3MHz	QPSK	26055	15RB#0	-24.55	PASS
Band25	3MHz	QPSK	26675	15RB#0	-25.67	PASS
Band25	3MHz	16QAM	26055	15RB#0	-25.06	PASS
Band25	3MHz	16QAM	26675	15RB#0	-30.81	PASS
Band25	5MHz	QPSK	26065	25RB#0	-24.65	PASS
Band25	5MHz	QPSK	26665	25RB#0	-26.55	PASS
Band25	5MHz	16QAM	26065	25RB#0	-24.67	PASS
Band25	5MHz	16QAM	26665	25RB#0	-29.26	PASS
Band25	10MHz	QPSK	26090	50RB#0	-27.19	PASS
Band25	10MHz	QPSK	26640	50RB#0	-32.04	PASS
Band25	10MHz	16QAM	26090	50RB#0	-27.86	PASS
Band25	10MHz	16QAM	26640	50RB#0	-33.39	PASS
Band25	15MHz	QPSK	26115	75RB#0	-29.24	PASS
Band25	15MHz	QPSK	26615	75RB#0	-36.64	PASS
Band25	15MHz	16QAM	26115	75RB#0	-30.99	PASS
Band25	15MHz	16QAM	26615	75RB#0	-36.76	PASS
Band25	20MHz	QPSK	26140	100RB#0	-32.18	PASS
Band25	20MHz	QPSK	26590	100RB#0	-32.41	PASS
Band25	20MHz	16QAM	26140	100RB#0	-32.18	PASS
Band25	20MHz	16QAM	26590	100RB#0	-32.66	PASS

Test Graphs

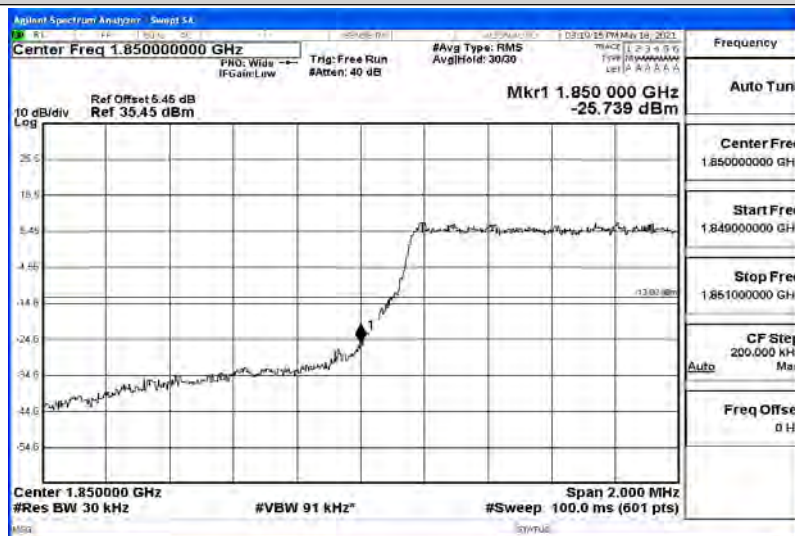
Band25-1.4MHz-QPSK-26047-6RB#0



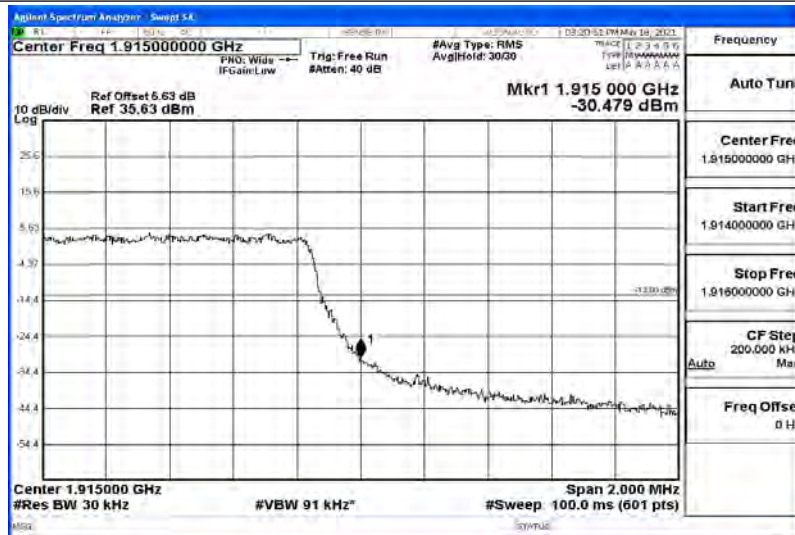
Band25-1.4MHz-QPSK-26683-6RB#0



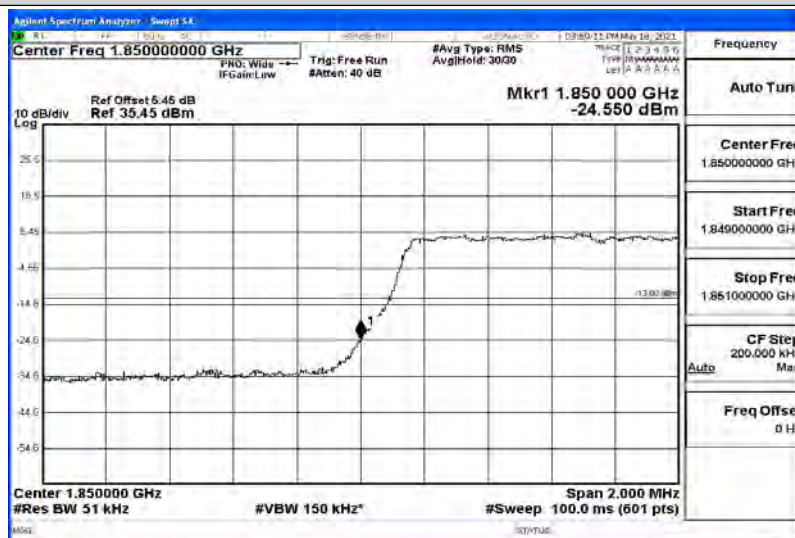
Band25-1.4MHz-16QAM-26047-6RB#0



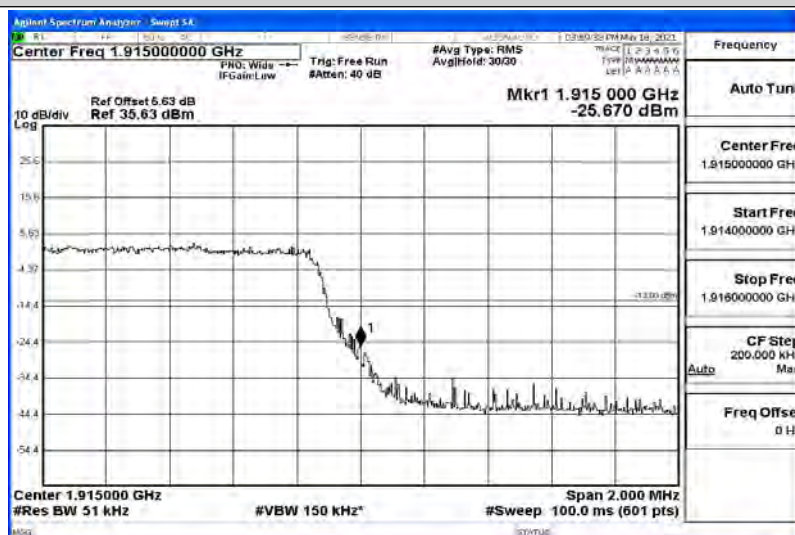
Band25-1.4MHz-16QAM-26683-6RB#0



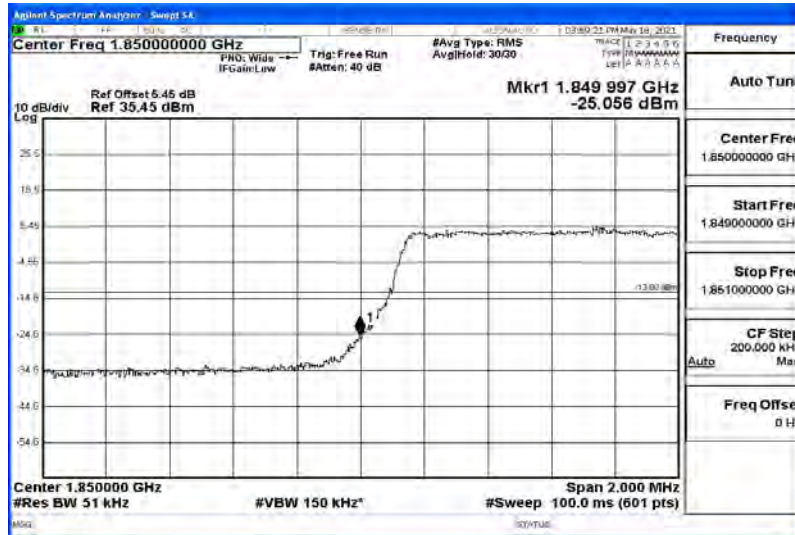
Band25-3MHz-QPSK-26055-15RB#0



Band25-3MHz-QPSK-26675-15RB#0



Band25-3MHz-16QAM-26055-15RB#0



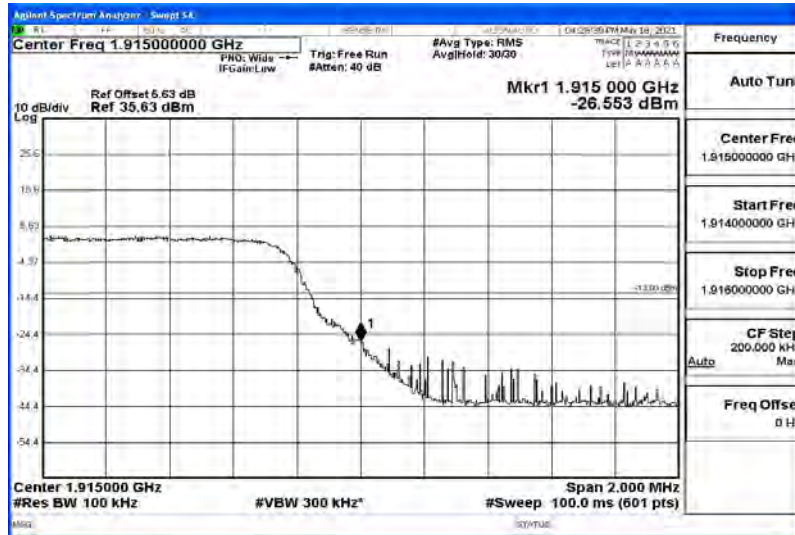
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Band25-5MHz-QPSK-26065-25RB#0



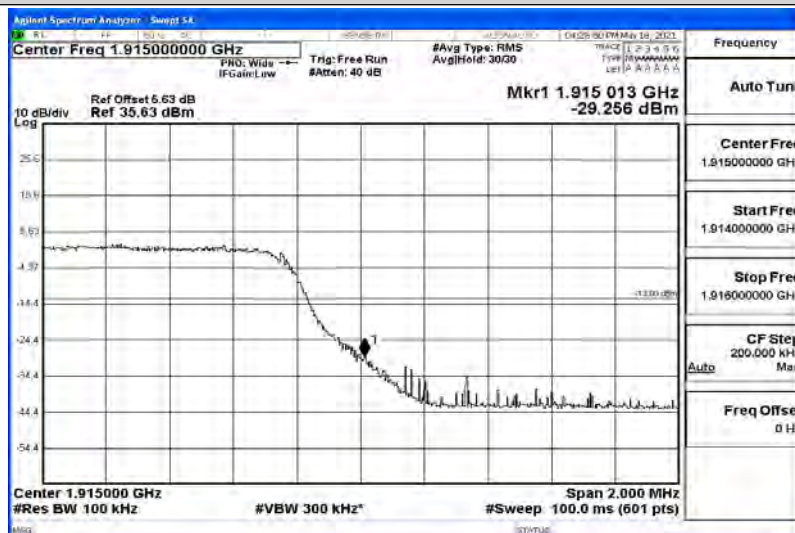
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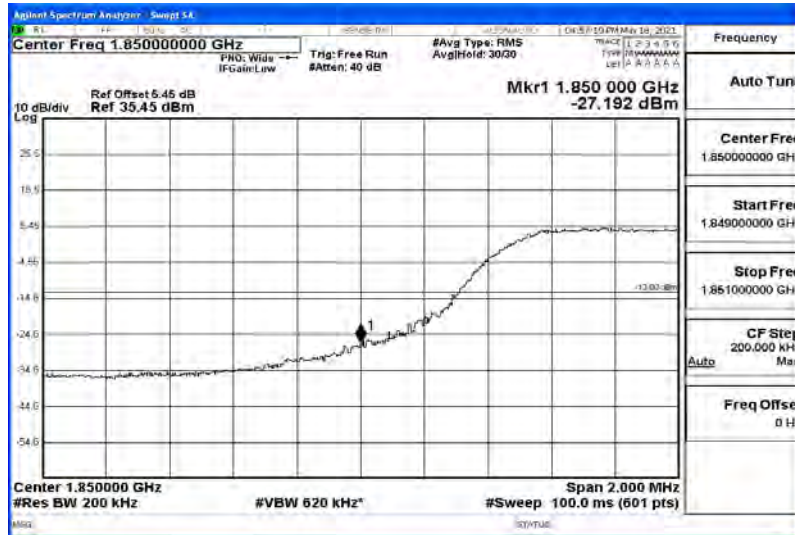
Band25-5MHz-16QAM-26065-25RB#0



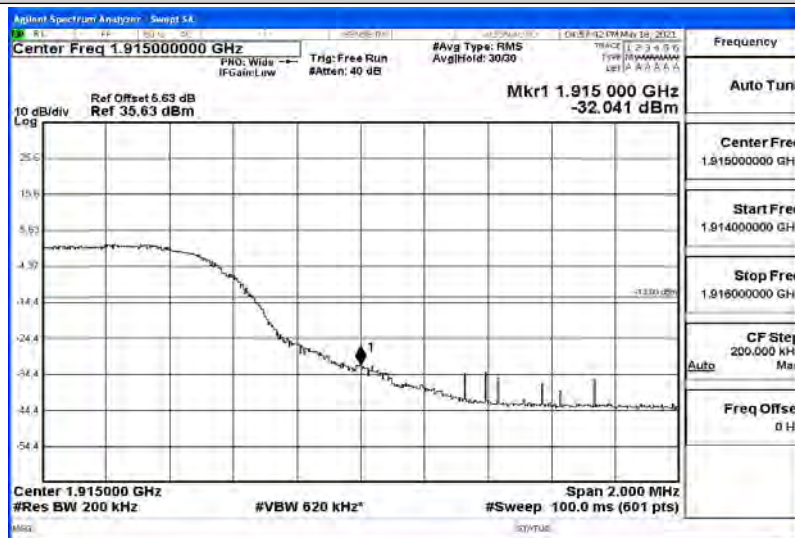
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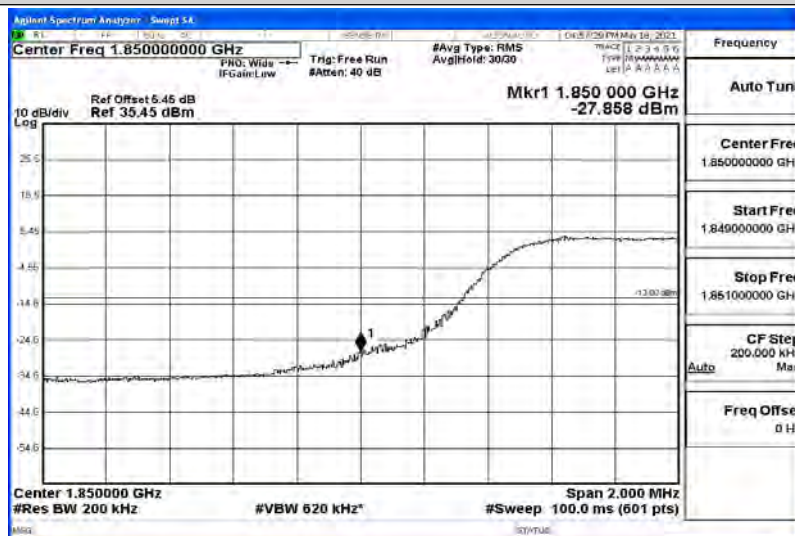
Band25-10MHz-QPSK-26090-50RB#0



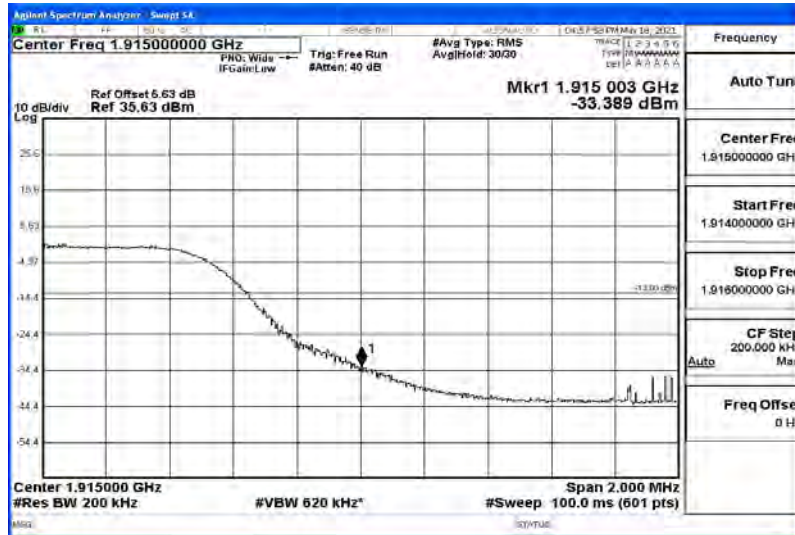
Band25-10MHz-QPSK-26640-50RB#0



Band25-10MHz-16QAM-26090-50RB#0



Band25-10MHz-16QAM-26640-50RB#0



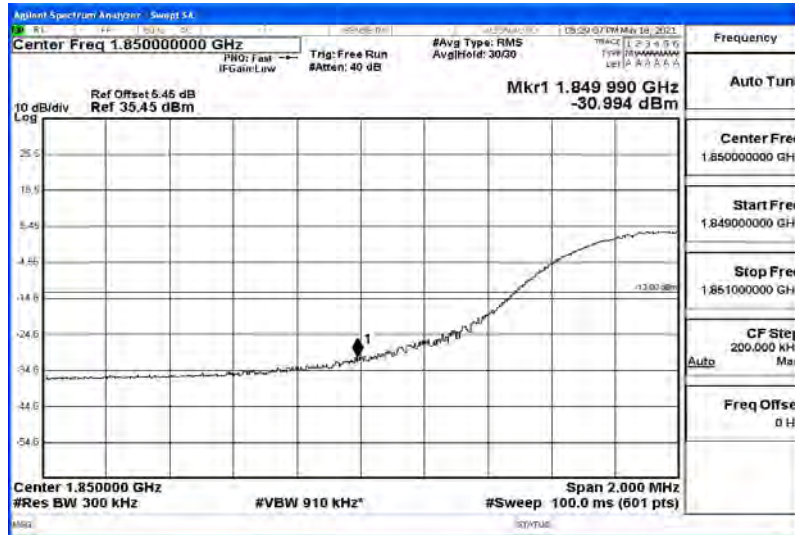
Band25-15MHz-QPSK-26115-75RB#0



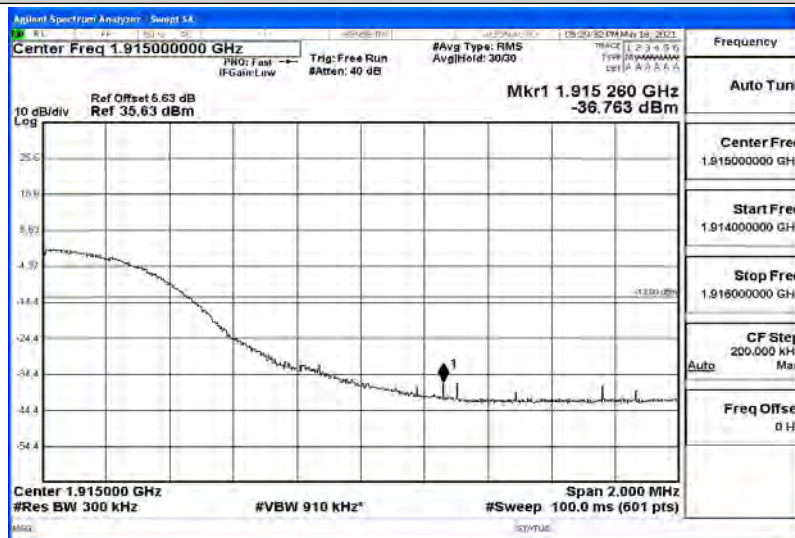
Band25-15MHz-QPSK-26615-75RB#0



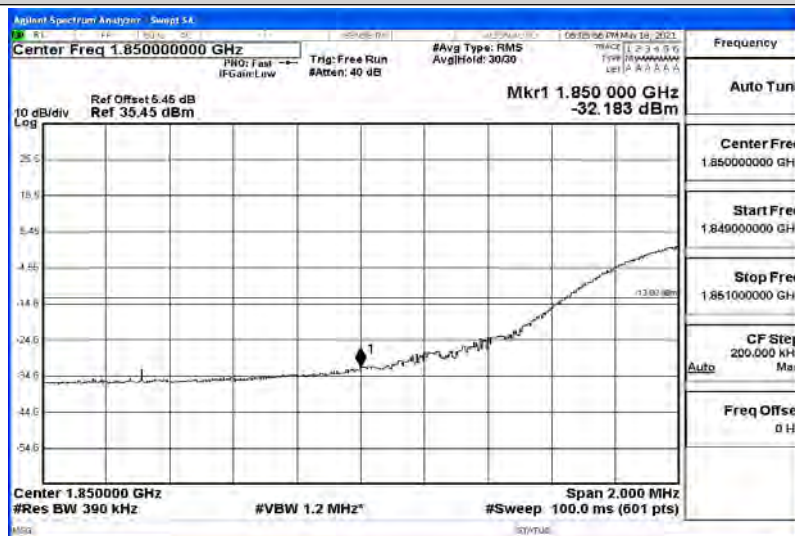
Band25-15MHz-16QAM-26115-75RB#0



Band25-15MHz-16QAM-26615-75RB#0



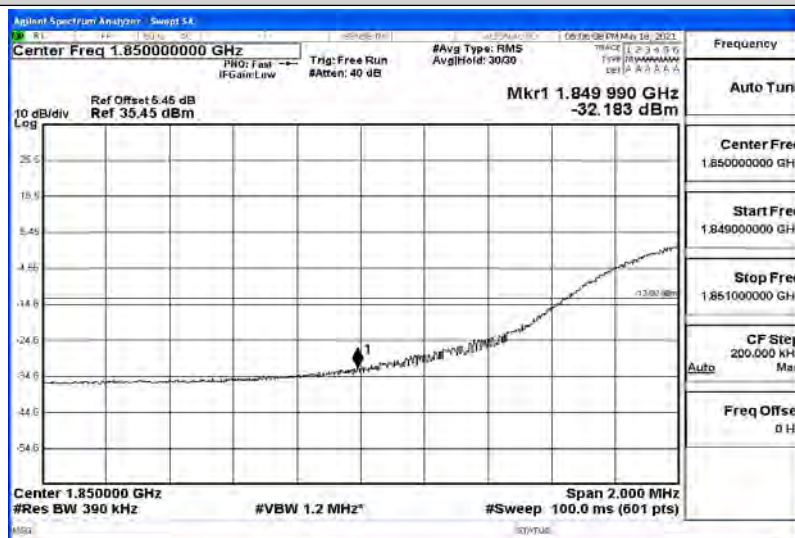
Band25-20MHz-QPSK-26140-100RB#0



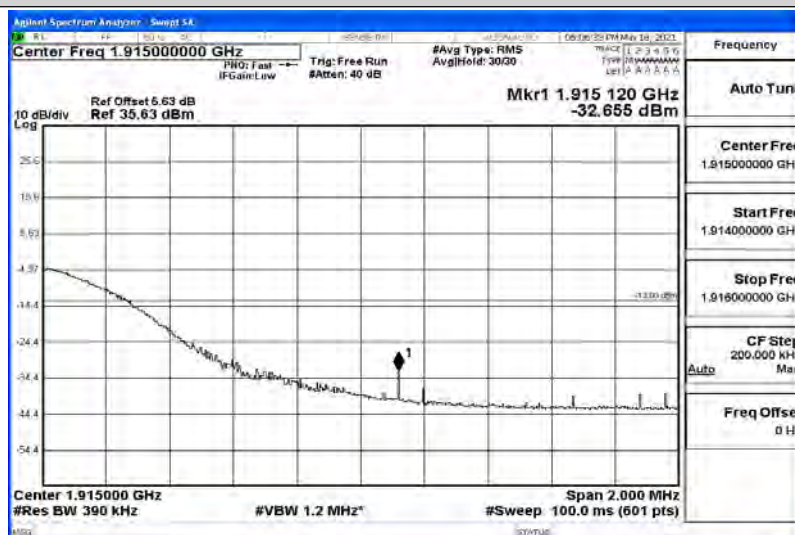
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Band25-20MHz-16QAM-26140-100RB#0



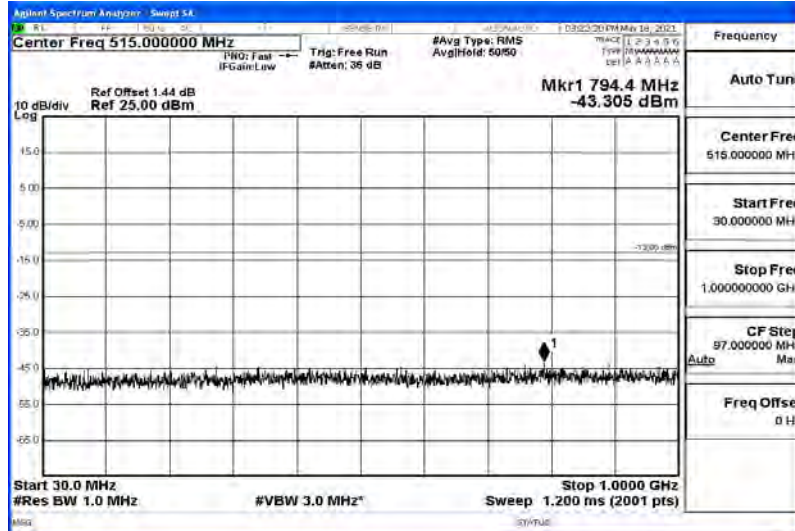
Band25-20MHz-16QAM-26590-100RB#0



L.5 Conducted Spurious Emission

Test Graphs

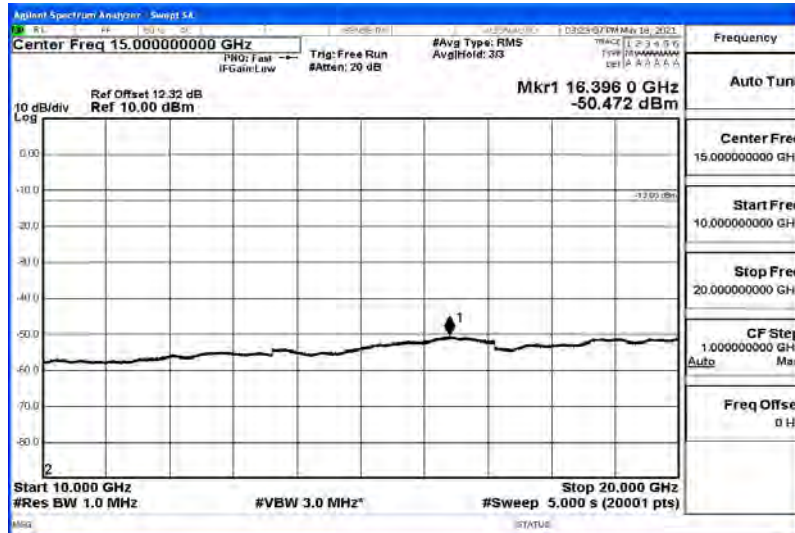
Band25-1.4MHz-QPSK-26047-1RB#0-Range1:30~1000MHz



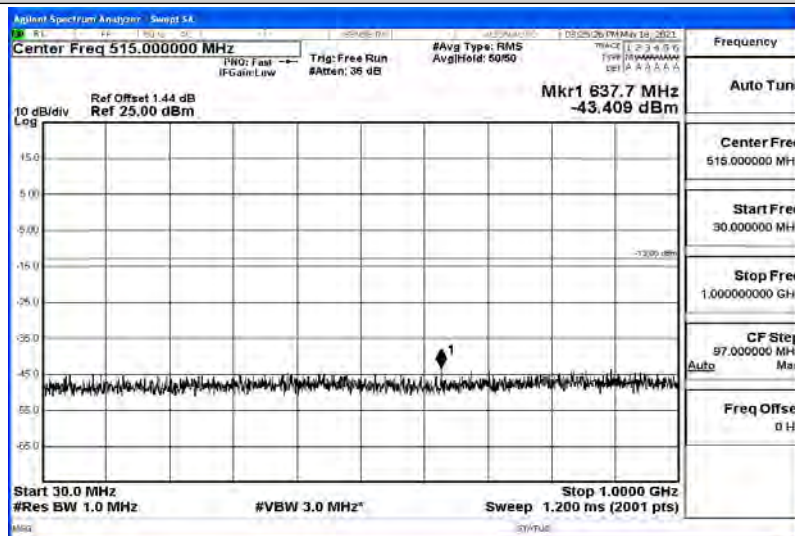
Band25-1.4MHz-QPSK-26047-1RB#0-Range2:1000~10000MHz



Band25-1.4MHz-QPSK-26047-1RB#0-Range3:10000~20000MHz



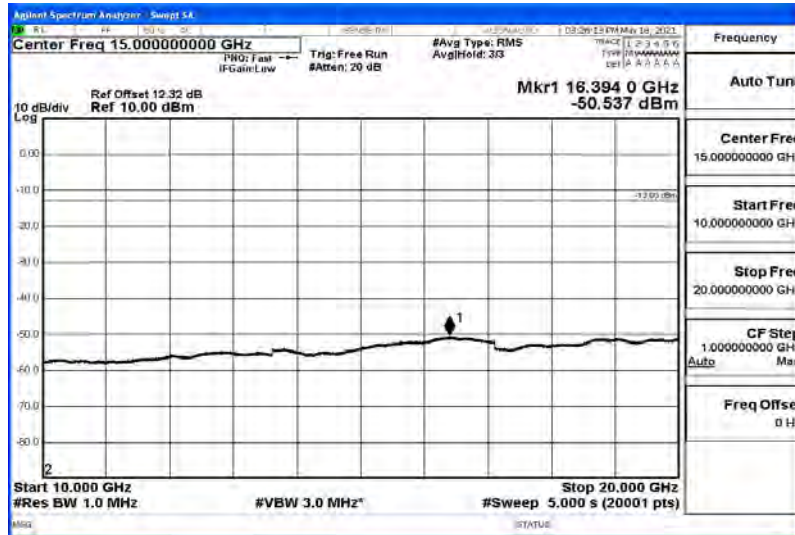
Band25-1.4MHz-QPSK-26365-1RB#0-Range1:30~1000MHz



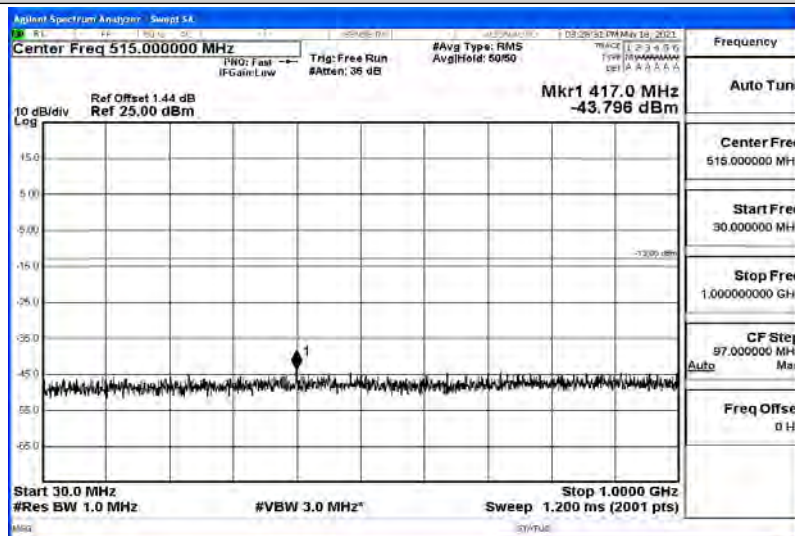
Band25-1.4MHz-QPSK-26365-1RB#0-Range2:1000~10000MHz



Band25-1.4MHz-QPSK-26365-1RB#0-Range3:10000~20000MHz



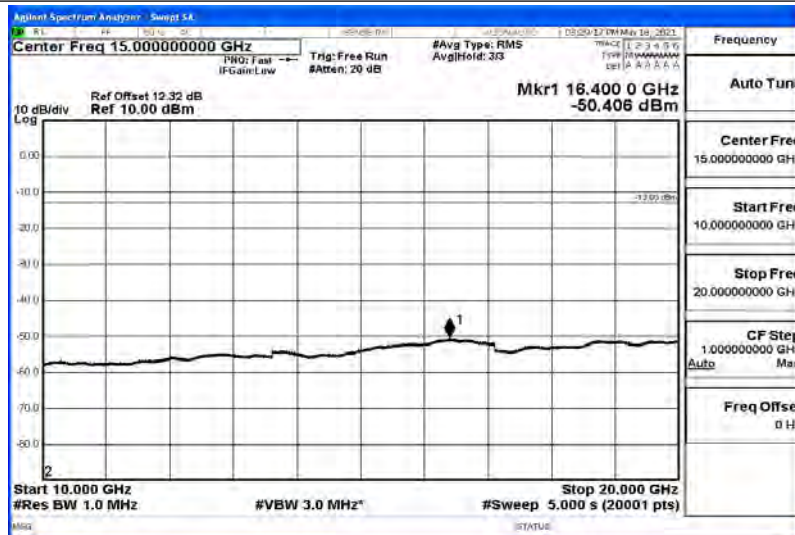
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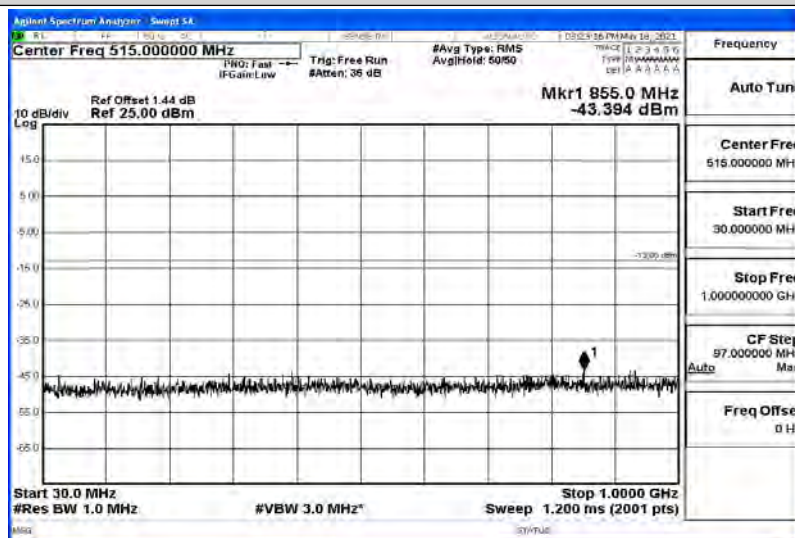
Band25-1.4MHz-QPSK-26683-1RB#0-Range2:1000~10000MHz



Band25-1.4MHz-QPSK-26683-1RB#0-Range3:10000~20000MHz



Band25-1.4MHz-16QAM-26047-1RB#0-Range1:30~1000MHz



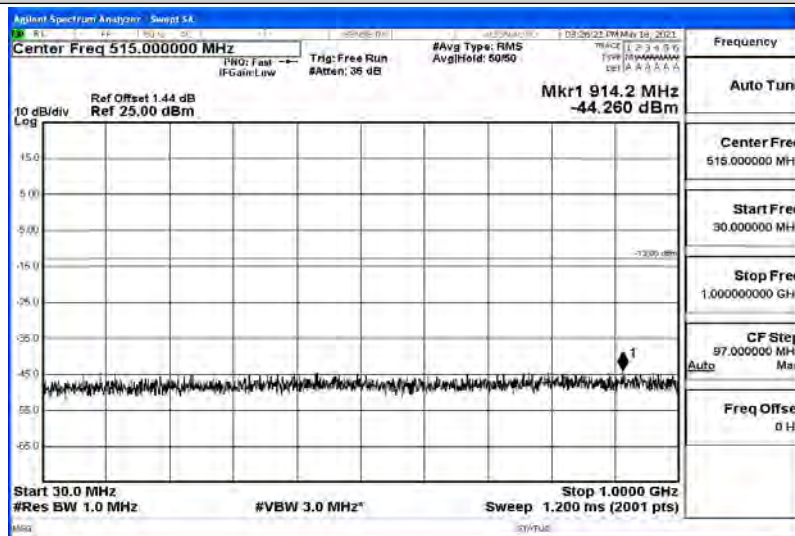
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Band25-1.4MHz-16QAM-26047-1RB#0-Range3:10000~20000MHz



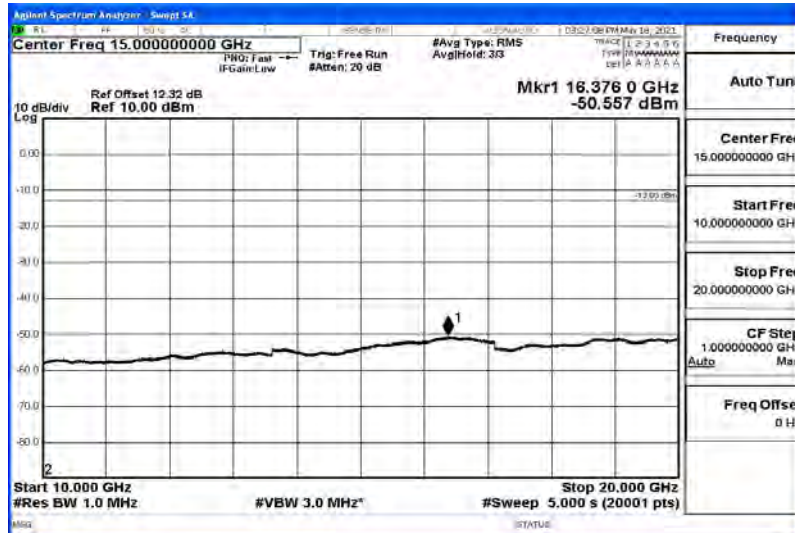
Band25-1.4MHz-16QAM-26365-1RB#0-Range1:30~1000MHz



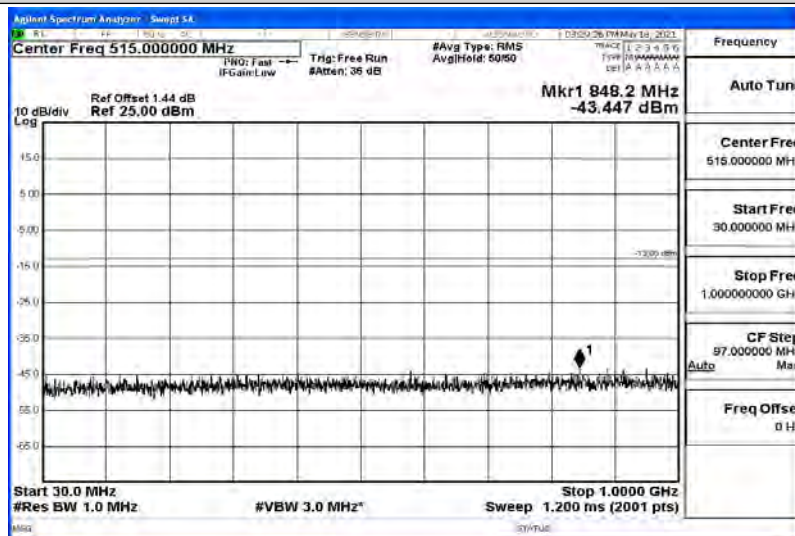
Band25-1.4MHz-16QAM-26365-1RB#0-Range2:1000~10000MHz



Band25-1.4MHz-16QAM-26365-1RB#0-Range3:10000~20000MHz



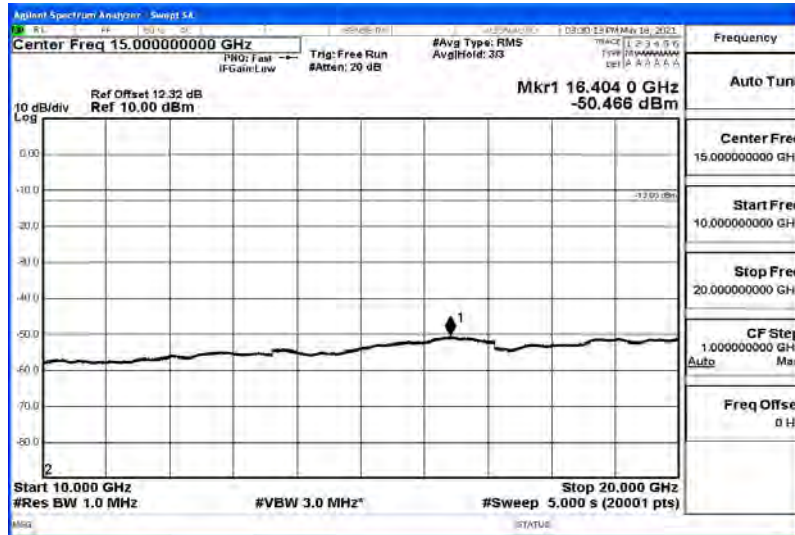
Band25-1.4MHz-16QAM-26683-1RB#0-Range1:30~1000MHz



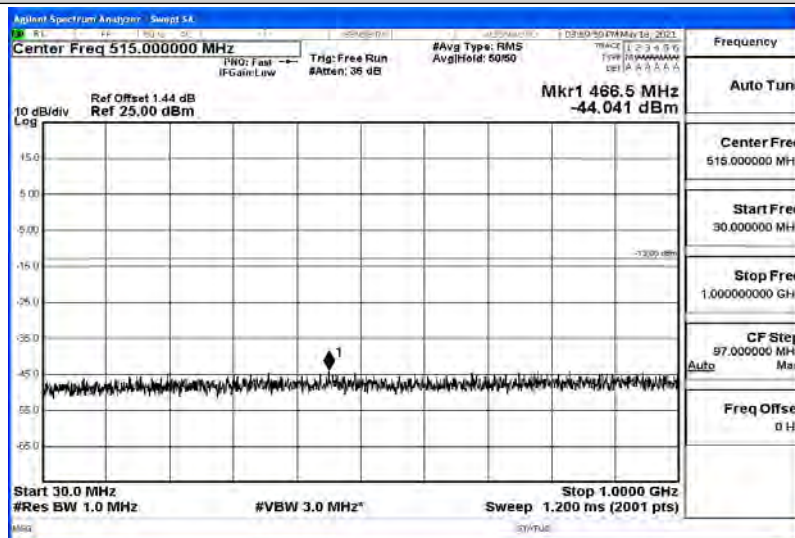
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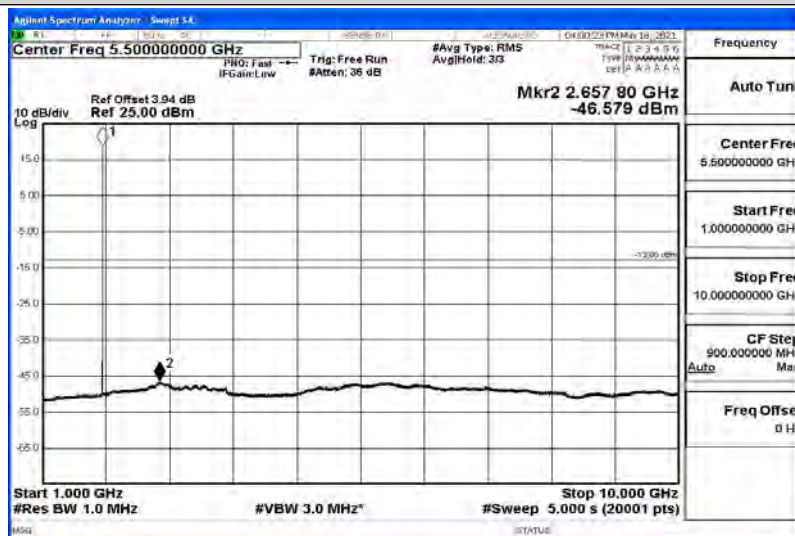
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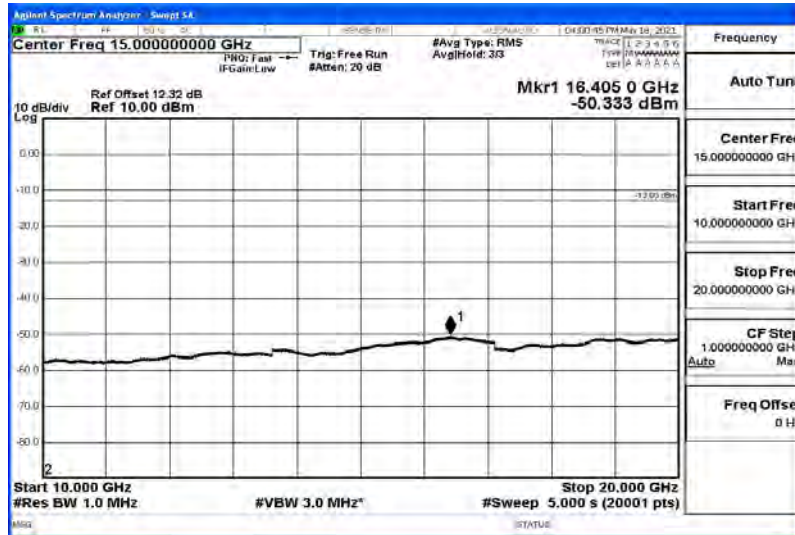
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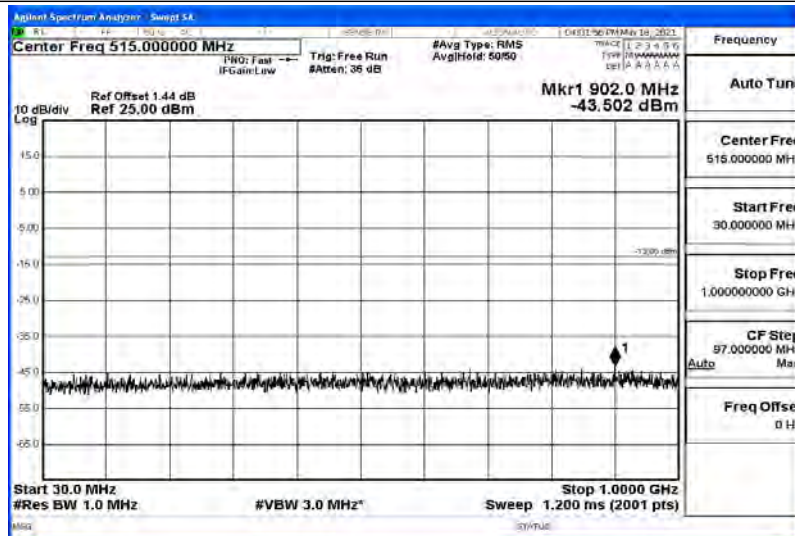
Band25-3MHz-QPSK-26055-1RB#0-Range2:1000~10000MHz



Band25-3MHz-QPSK-26055-1RB#0-Range3:10000~20000MHz



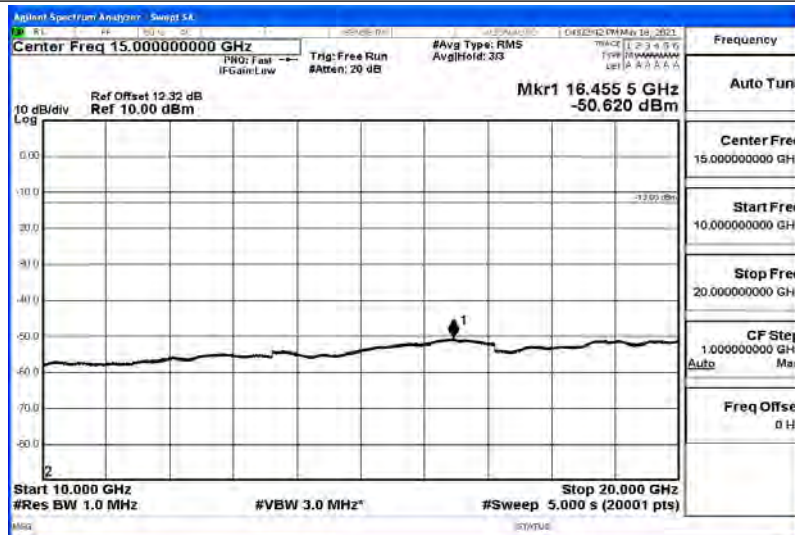
Band25-3MHz-QPSK-26365-1RB#0-Range1:30~1000MHz



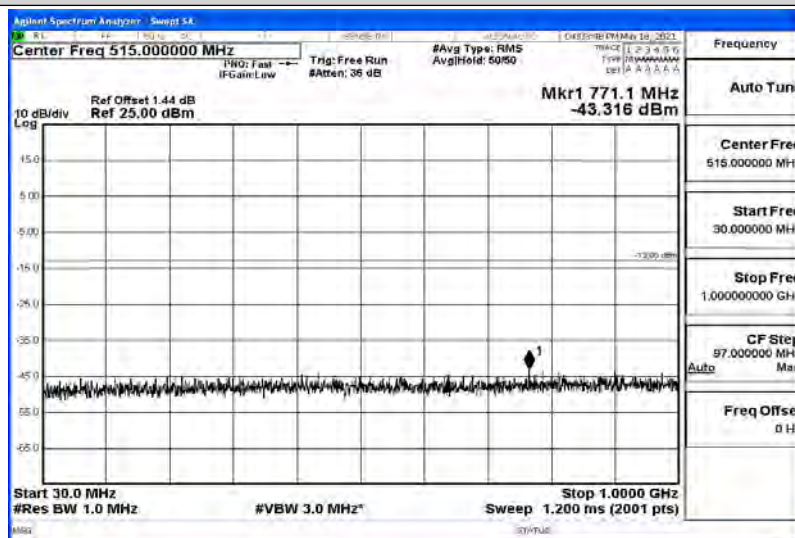
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Band25-3MHz-QPSK-26365-1RB#0-Range3:10000~20000MHz



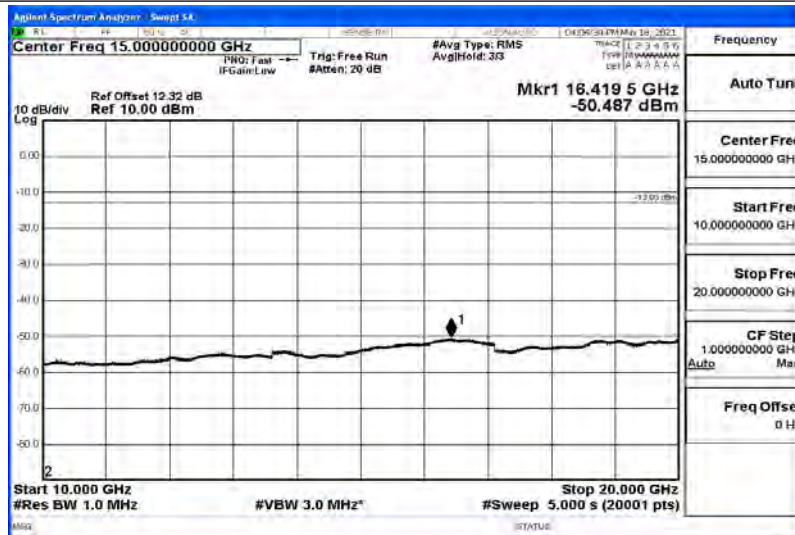
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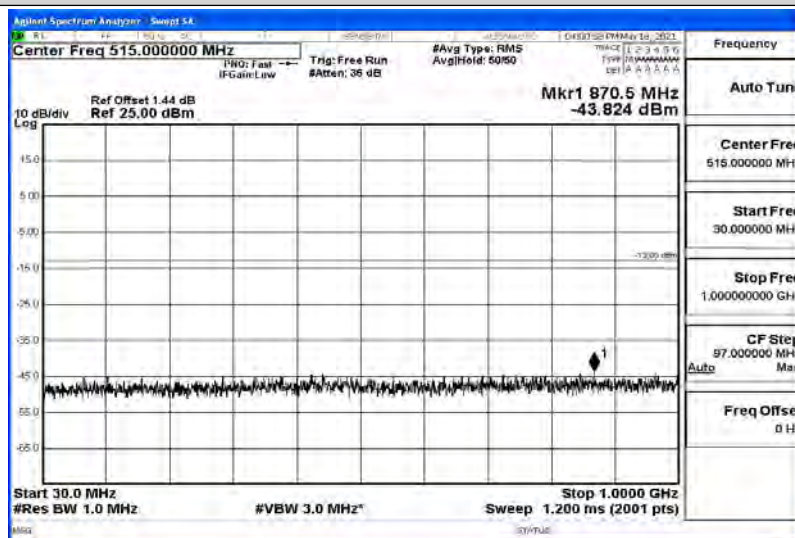
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Band25-3MHz-QPSK-26675-1RB#0-Range3:10000~20000MHz



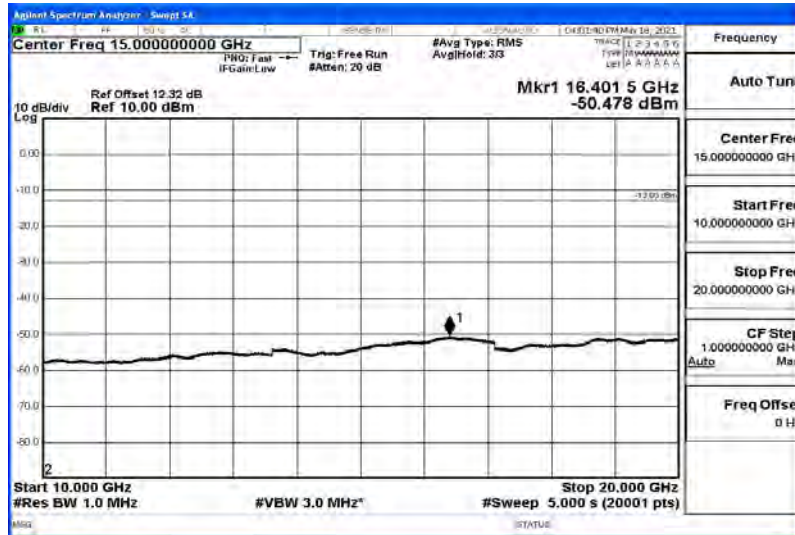
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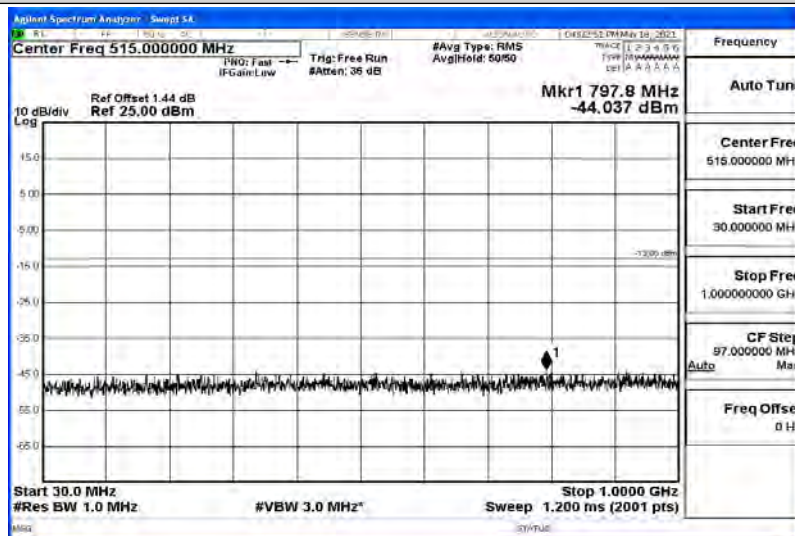
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Band25-3MHz-16QAM-26365-1RB#0-Range1:30~1000MHz



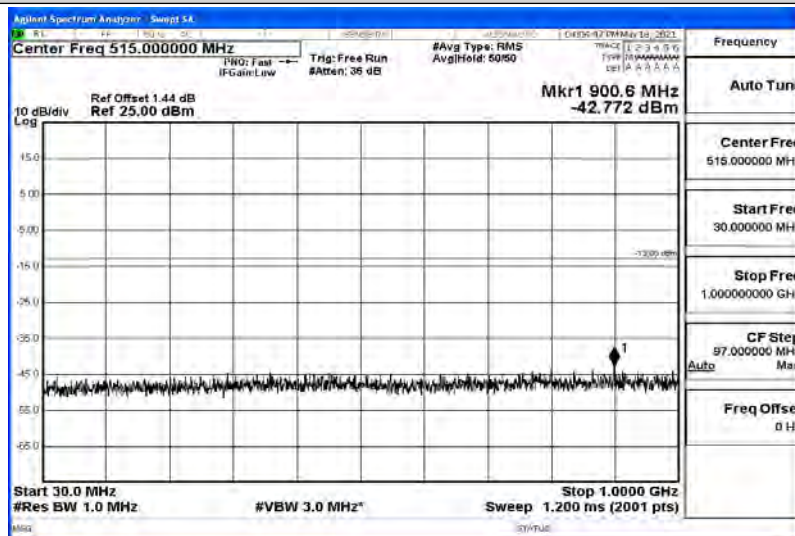
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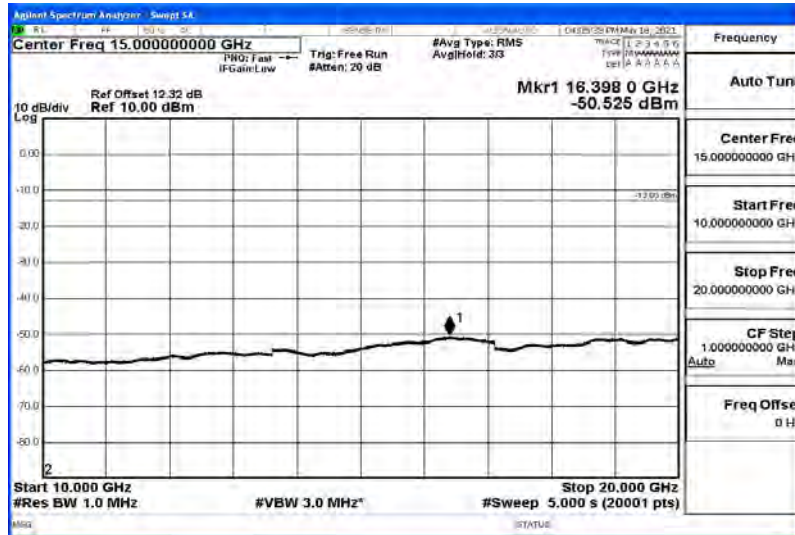
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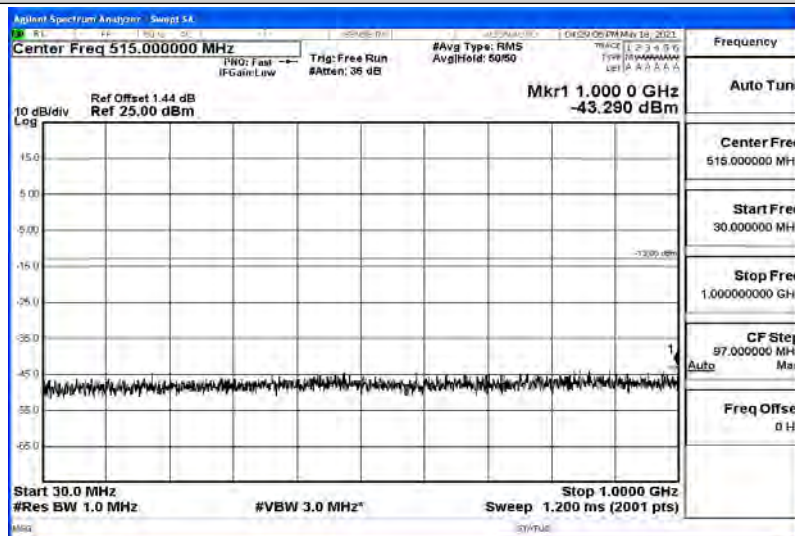
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Band25-5MHz-QPSK-26065-1RB#0-Range1:30~1000MHz



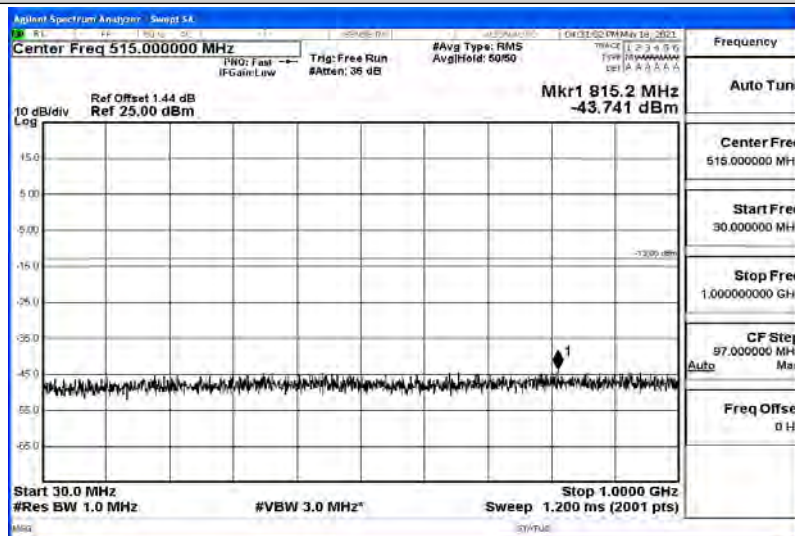
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Band25-5MHz-QPSK-26065-1RB#0-Range3:10000~20000MHz



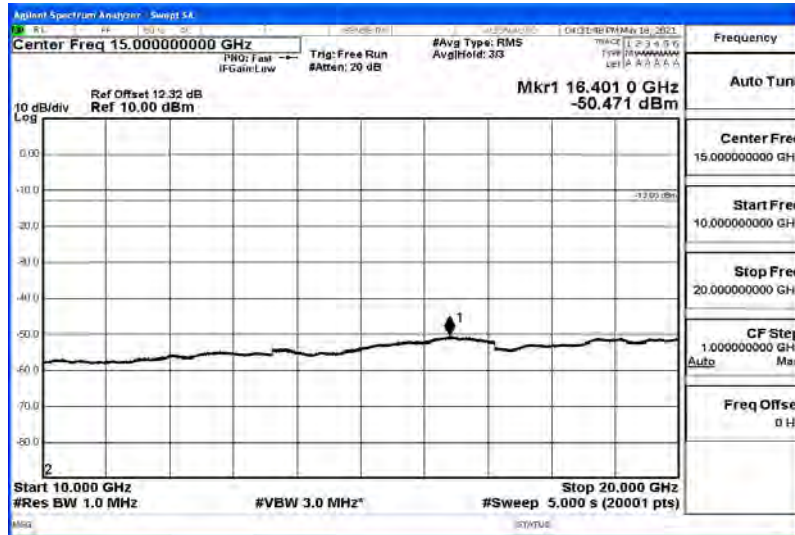
Band25-5MHz-QPSK-26365-1RB#0-Range1:30~1000MHz



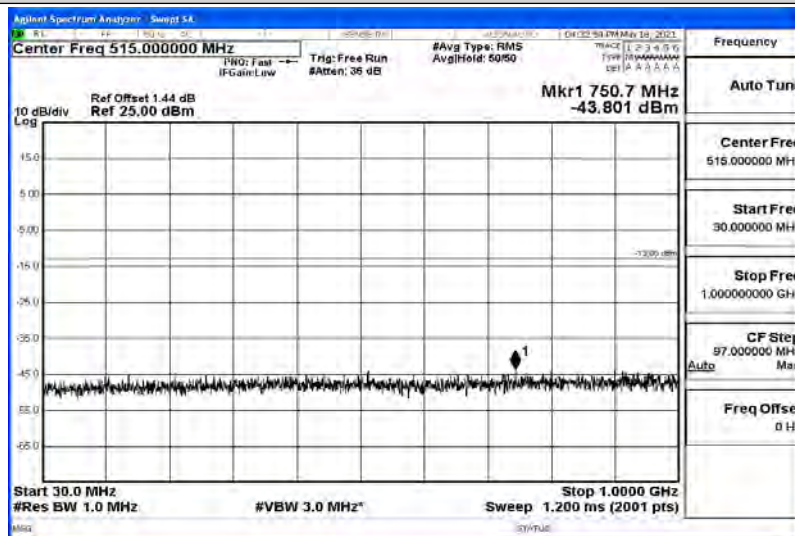
Band25-5MHz-QPSK-26365-1RB#0-Range2:1000~10000MHz



Band25-5MHz-QPSK-26365-1RB#0-Range3:10000~20000MHz



Band25-5MHz-QPSK-26665-1RB#0-Range1:30~1000MHz



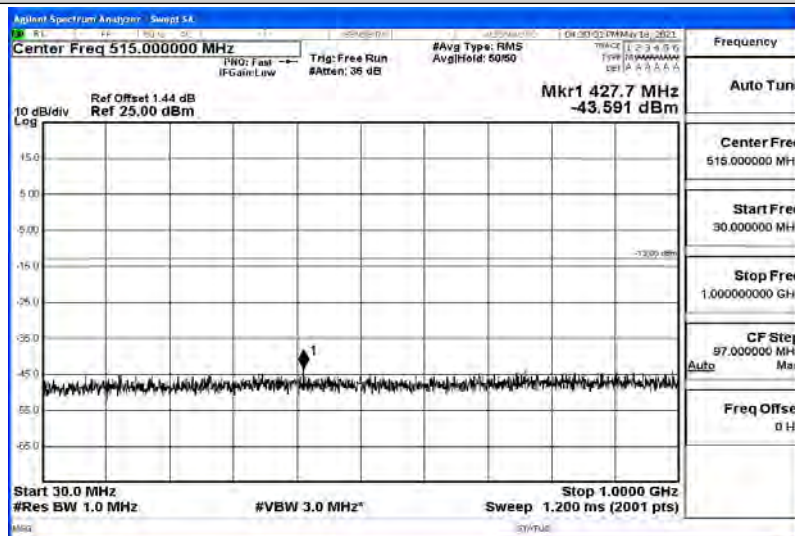
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Band25-5MHz-QPSK-26665-1RB#0-Range3:10000~20000MHz



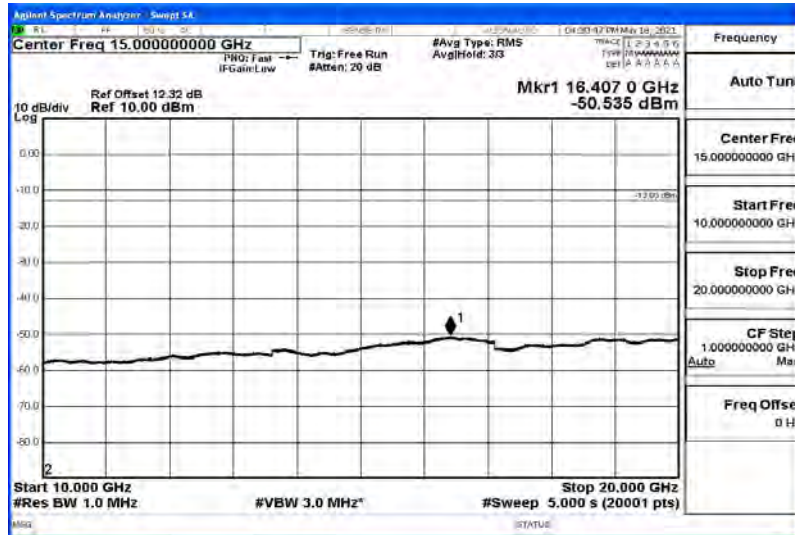
Band25-5MHz-16QAM-26065-1RB#0-Range1:30~1000MHz



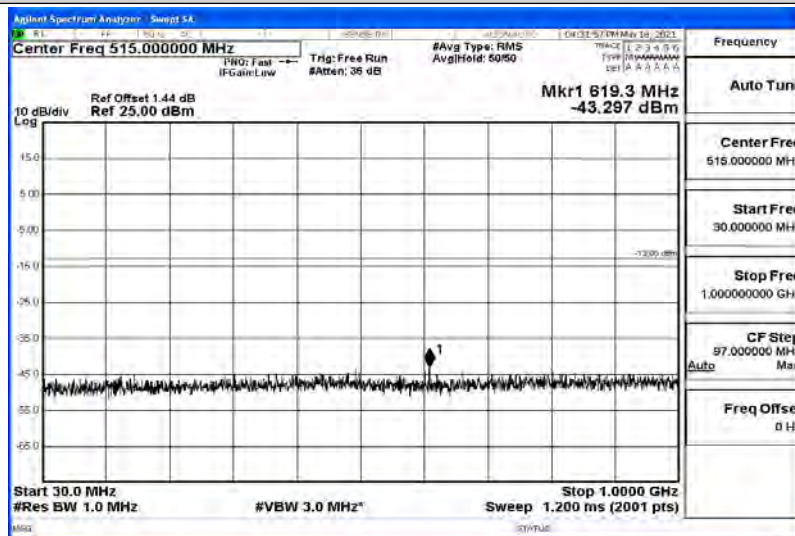
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Band25-5MHz-16QAM-26365-1RB#0-Range1:30~1000MHz



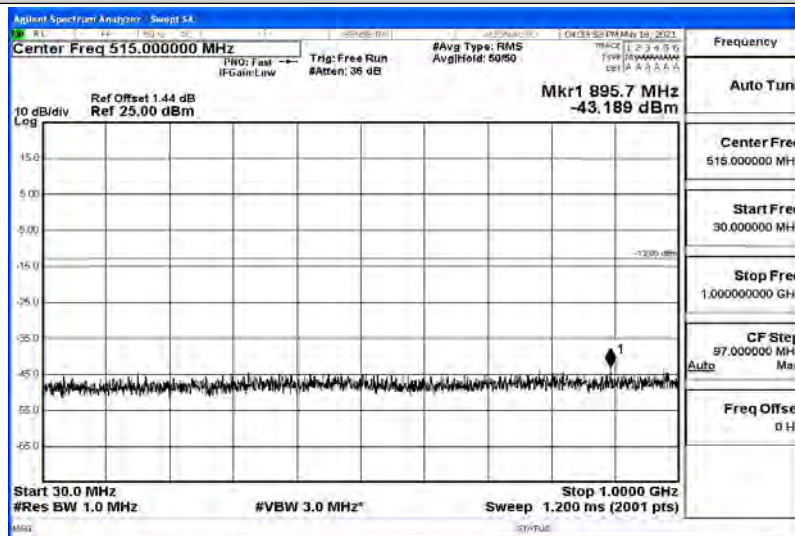
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Band25-5MHz-16QAM-26365-1RB#0-Range3:10000~20000MHz



Band25-5MHz-16QAM-26665-1RB#0-Range1:30~1000MHz



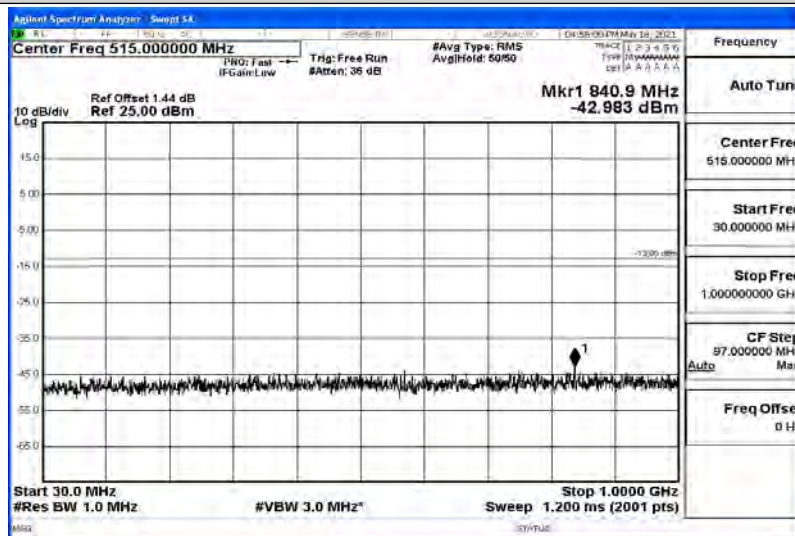
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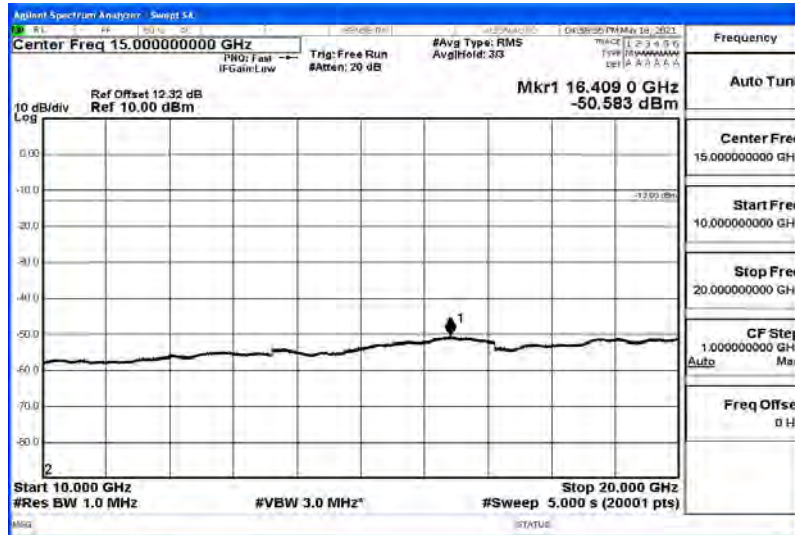
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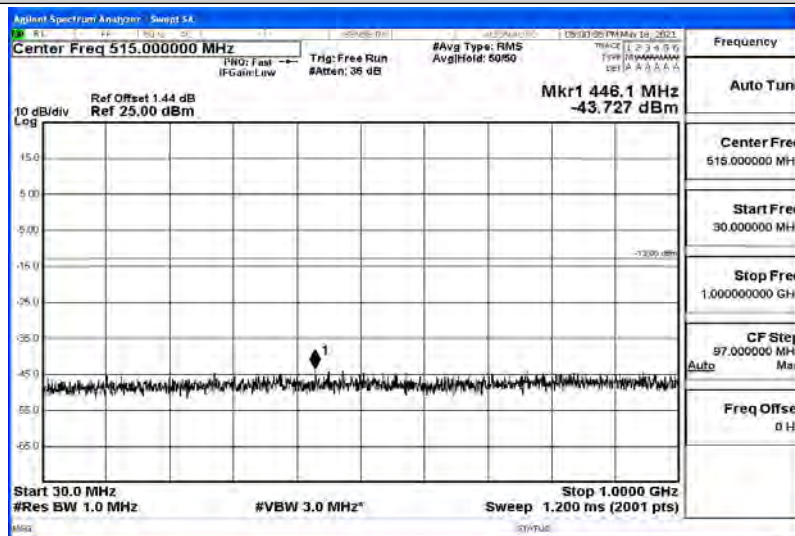
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Band25-10MHz-QPSK-26090-1RB#0-Range3:10000~20000MHz



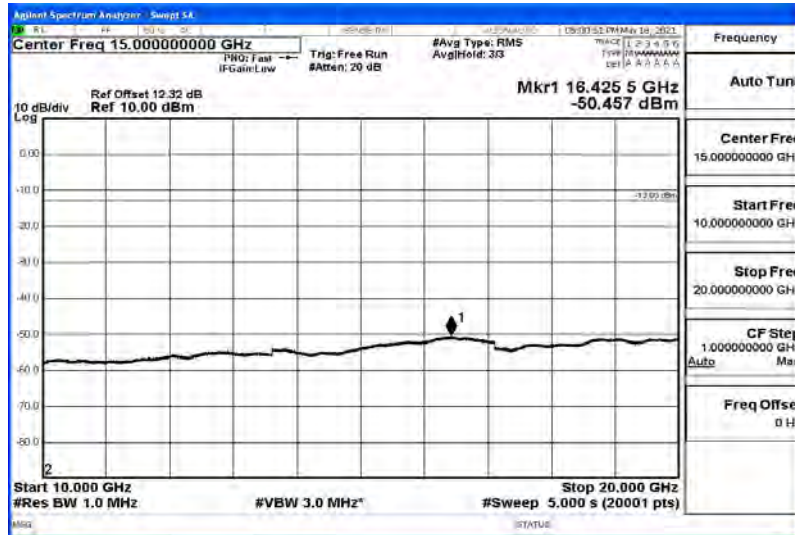
Band25-10MHz-QPSK-26365-1RB#0-Range1:30~1000MHz



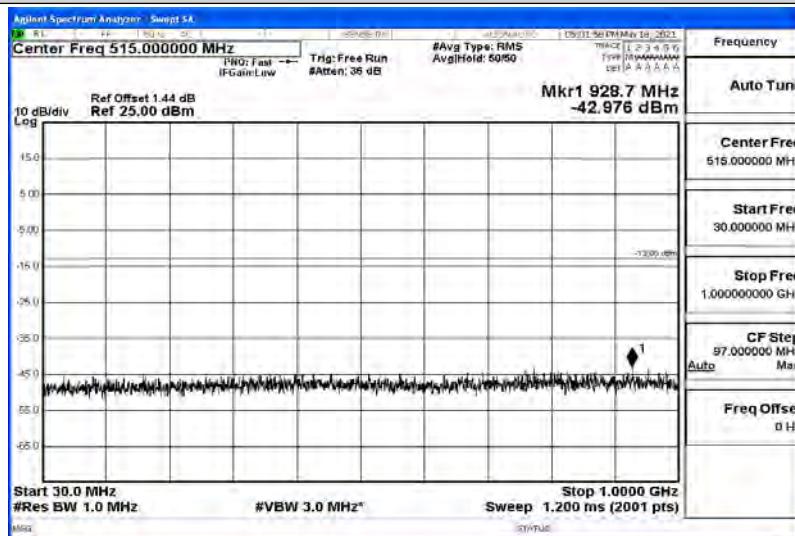
Band25-10MHz-QPSK-26365-1RB#0-Range2:1000~10000MHz



Band25-10MHz-QPSK-26365-1RB#0-Range3:10000~20000MHz



Band25-10MHz-QPSK-26640-1RB#0-Range1:30~1000MHz



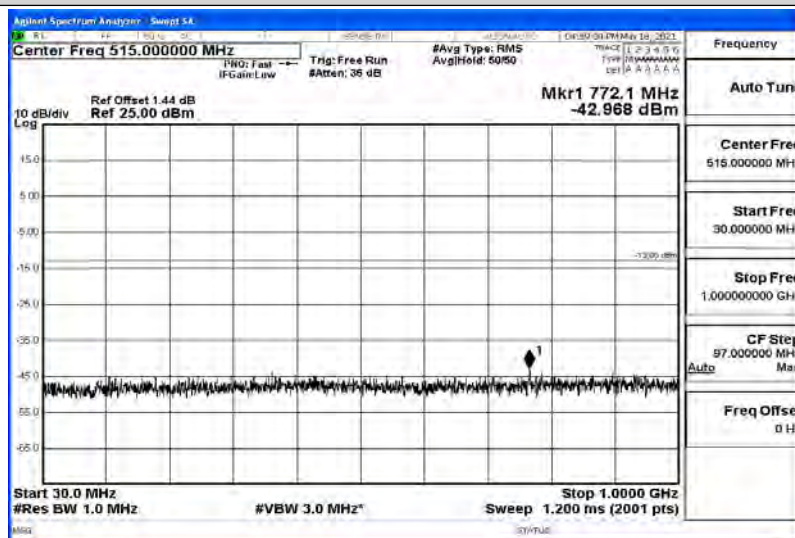
Band25-10MHz-QPSK-26640-1RB#0-Range2:1000~10000MHz



Band25-10MHz-QPSK-26640-1RB#0-Range3:10000~20000MHz



Band25-10MHz-16QAM-26090-1RB#0-Range1:30~1000MHz



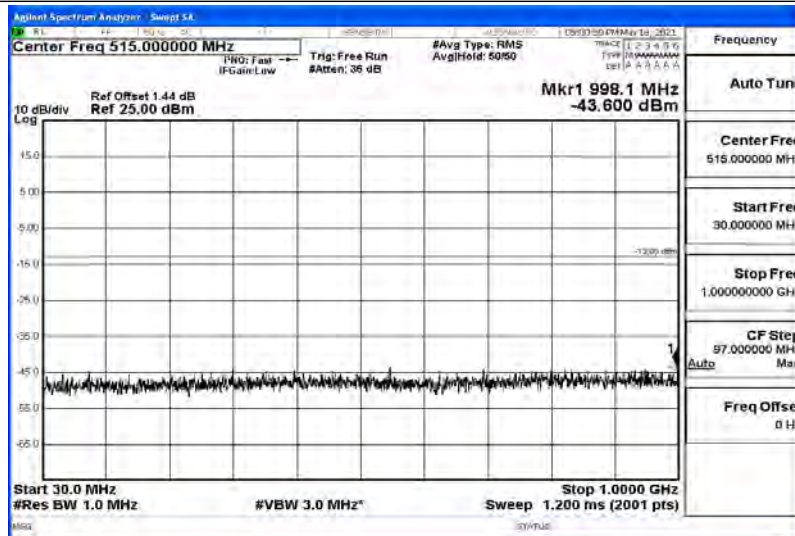
Band25-10MHz-16QAM-26090-1RB#0-Range2:1000~10000MHz



Band25-10MHz-16QAM-26090-1RB#0-Range3:10000~20000MHz



Band25-10MHz-16QAM-26365-1RB#0-Range1:30~1000MHz



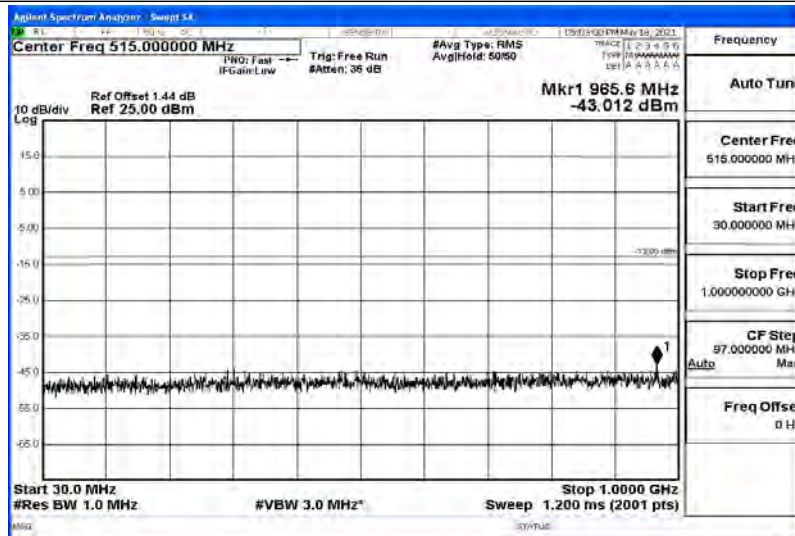
Band25-10MHz-16QAM-26365-1RB#0-Range2:1000~10000MHz



Band25-10MHz-16QAM-26365-1RB#0-Range3:10000~20000MHz



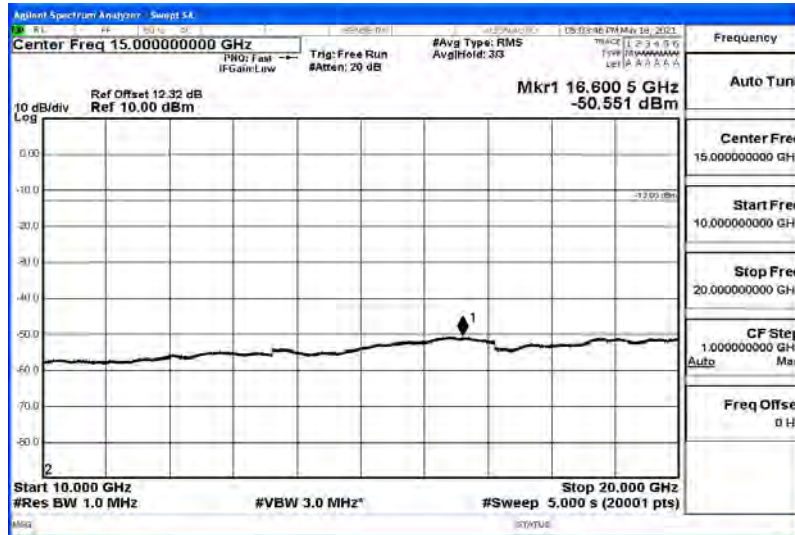
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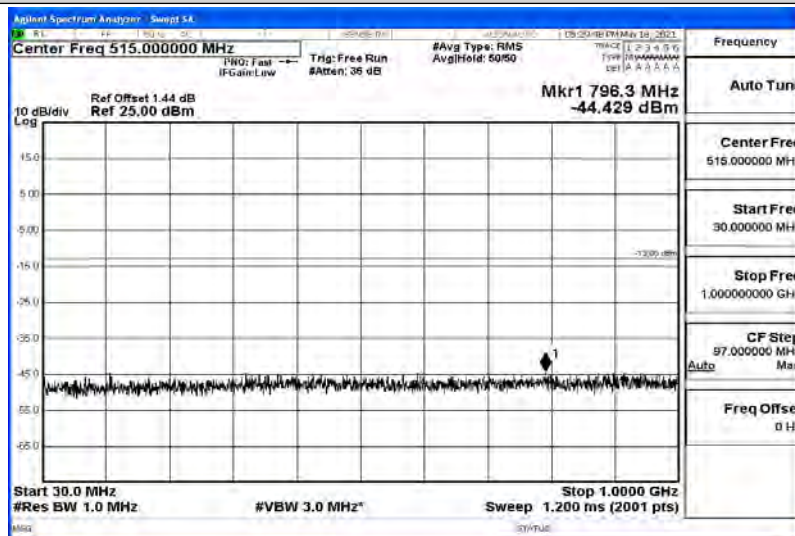
Band25-10MHz-16QAM-26640-1RB#0-Range2:1000~10000MHz



Band25-10MHz-16QAM-26640-1RB#0-Range3:10000~20000MHz



Band25-15MHz-QPSK-26115-1RB#0-Range1:30~1000MHz



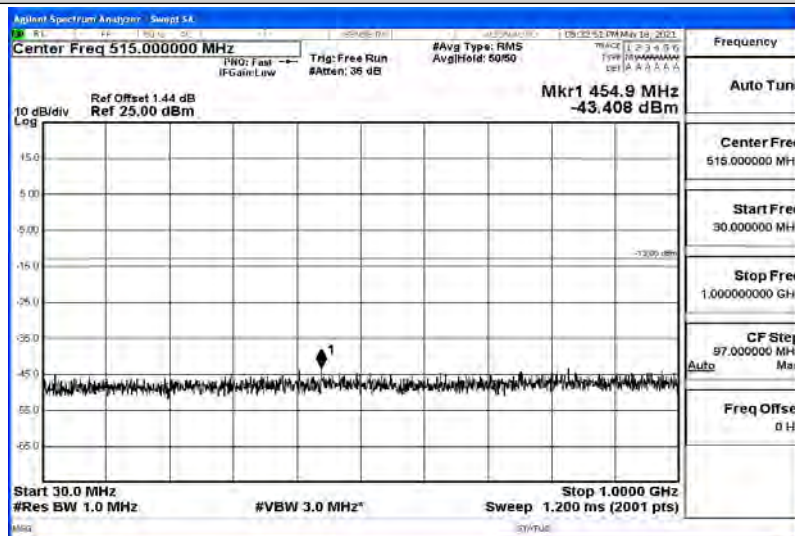
Band25-15MHz-QPSK-26115-1RB#0-Range2:1000~10000MHz



Band25-15MHz-QPSK-26115-1RB#0-Range3:10000~20000MHz



Band25-15MHz-QPSK-26365-1RB#0-Range1:30~1000MHz



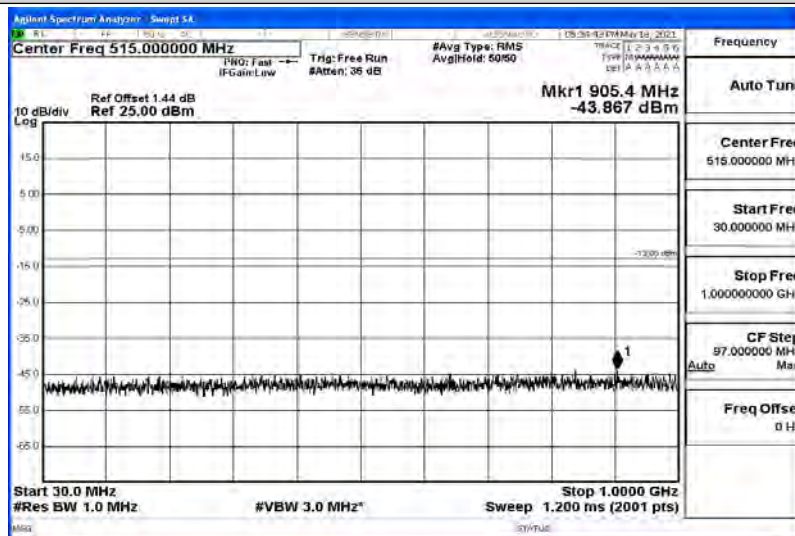
Band25-15MHz-QPSK-26365-1RB#0-Range2:1000~10000MHz



Band25-15MHz-QPSK-26365-1RB#0-Range3:10000~20000MHz



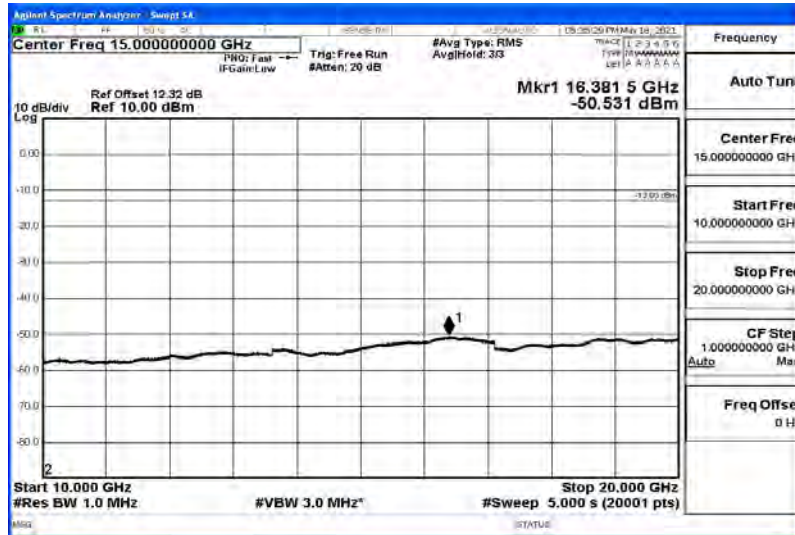
Band25-15MHz-QPSK-26615-1RB#0-Range1:30~1000MHz



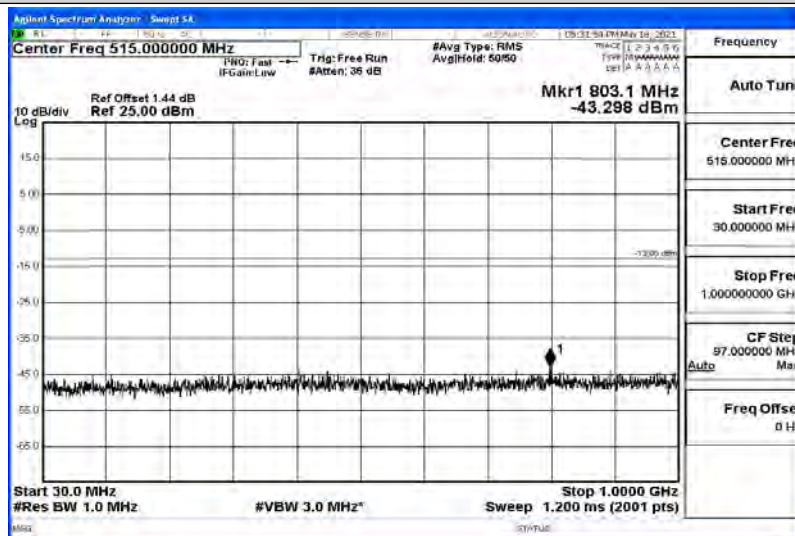
Band25-15MHz-QPSK-26615-1RB#0-Range2:1000~10000MHz



Band25-15MHz-QPSK-26615-1RB#0-Range3:10000~20000MHz



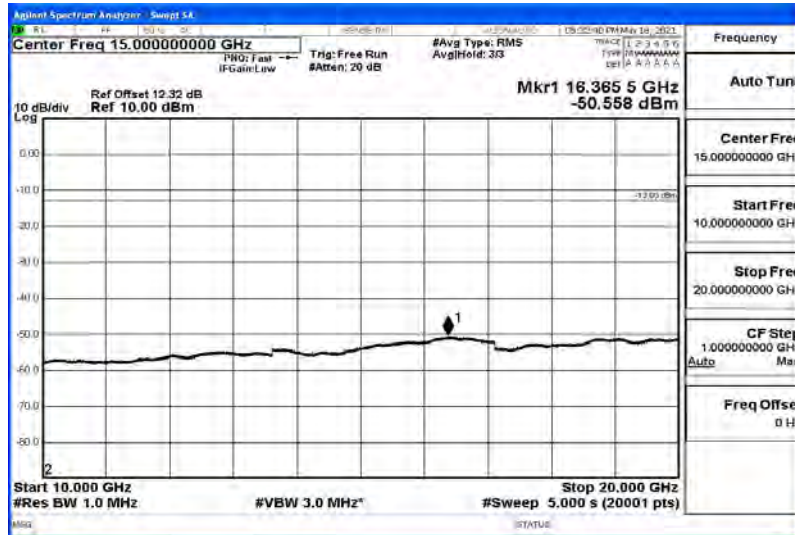
Band25-15MHz-16QAM-26115-1RB#0-Range1:30~1000MHz



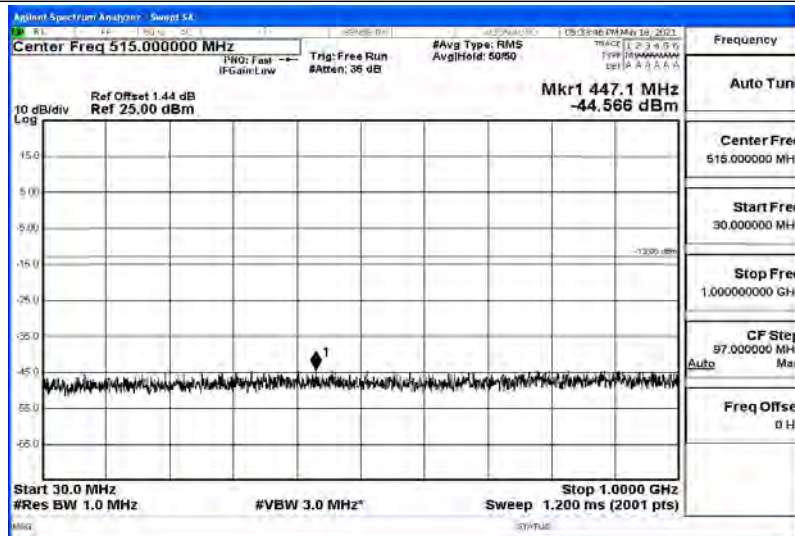
Band25-15MHz-16QAM-26115-1RB#0-Range2:1000~10000MHz



Band25-15MHz-16QAM-26115-1RB#0-Range3:10000~20000MHz



Band25-15MHz-16QAM-26365-1RB#0-Range1:30~1000MHz



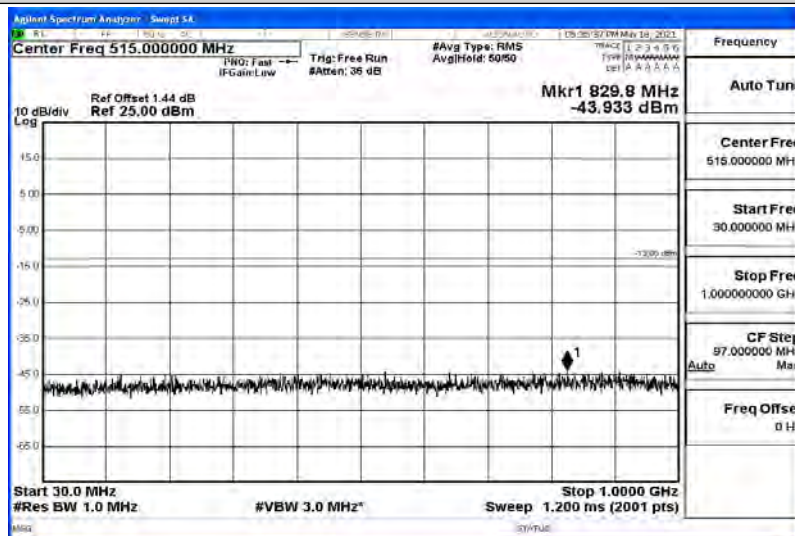
Band25-15MHz-16QAM-26365-1RB#0-Range2:1000~10000MHz



Band25-15MHz-16QAM-26365-1RB#0-Range3:10000~20000MHz



Band25-15MHz-16QAM-26615-1RB#0-Range1:30~1000MHz



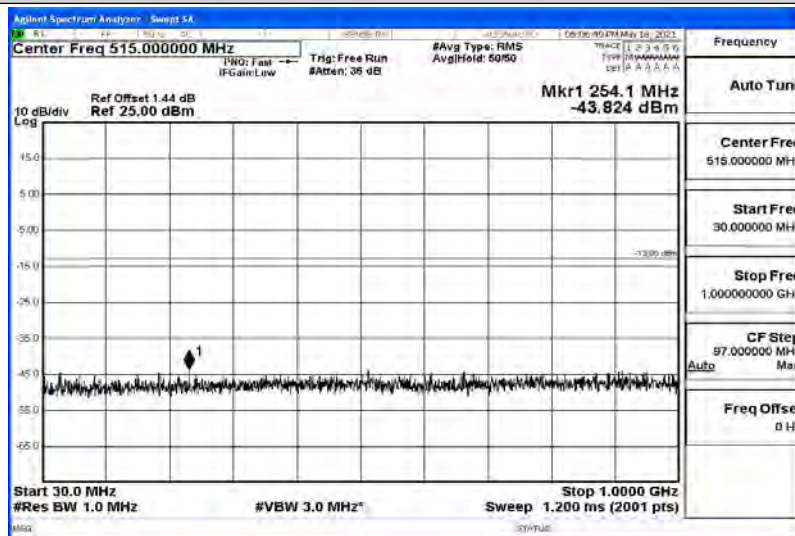
Band25-15MHz-16QAM-26615-1RB#0-Range2:1000~10000MHz



Band25-15MHz-16QAM-26615-1RB#0-Range3:10000~20000MHz



Band25-20MHz-QPSK-26140-1RB#0-Range1:30~1000MHz



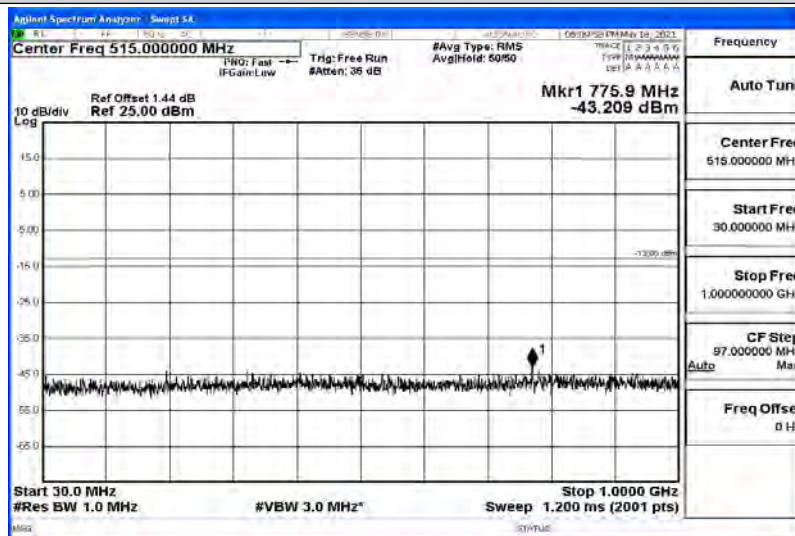
Band25-20MHz-QPSK-26140-1RB#0-Range2:1000~10000MHz



Band25-20MHz-QPSK-26140-1RB#0-Range3:10000~20000MHz



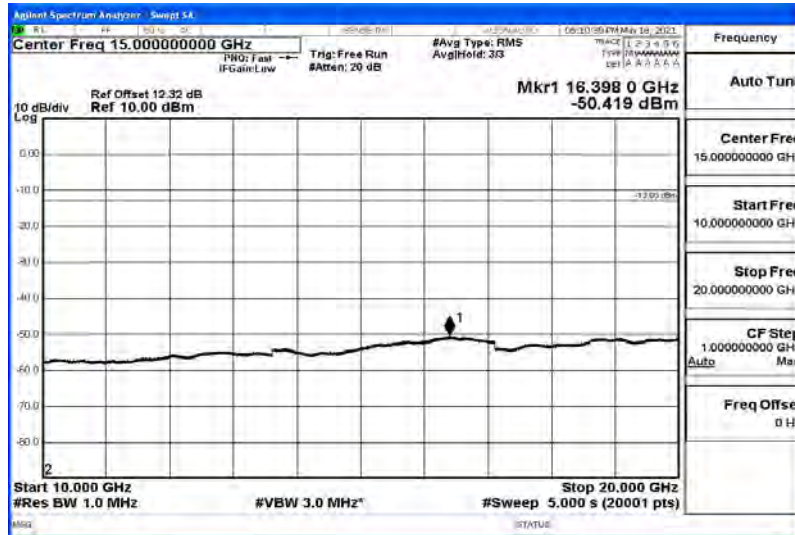
Band25-20MHz-QPSK-26365-1RB#0-Range1:30~1000MHz



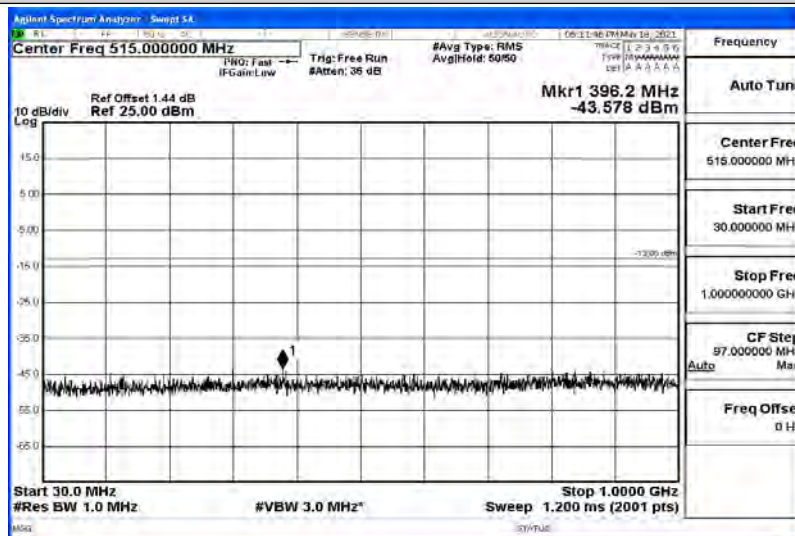
Band25-20MHz-QPSK-26365-1RB#0-Range2:1000~10000MHz



Band25-20MHz-QPSK-26365-1RB#0-Range3:10000~20000MHz



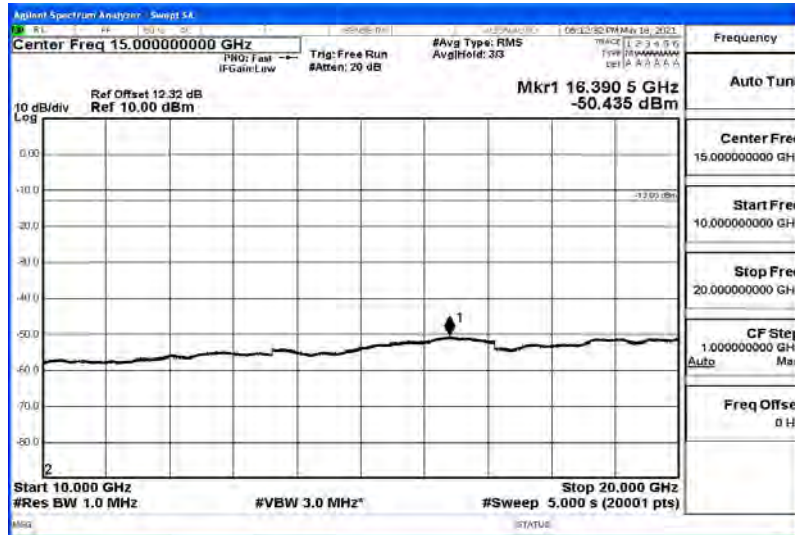
Band25-20MHz-QPSK-26590-1RB#0-Range1:30~1000MHz



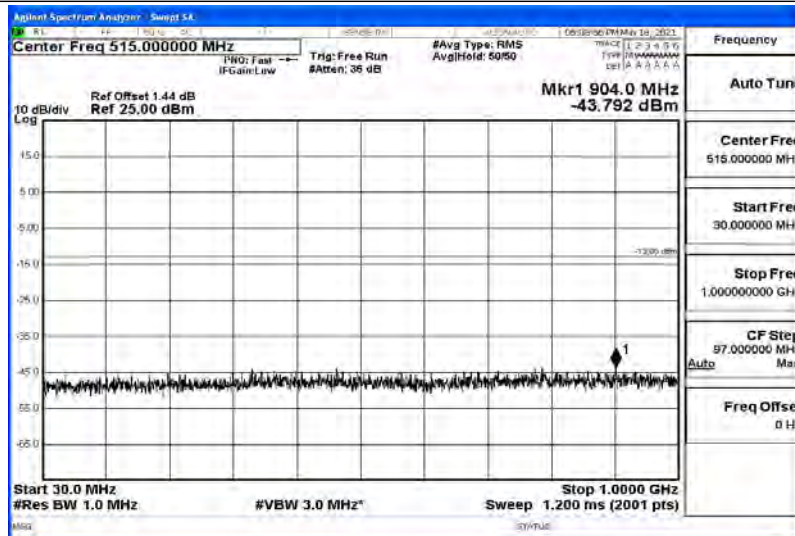
Band25-20MHz-QPSK-26590-1RB#0-Range2:1000~10000MHz



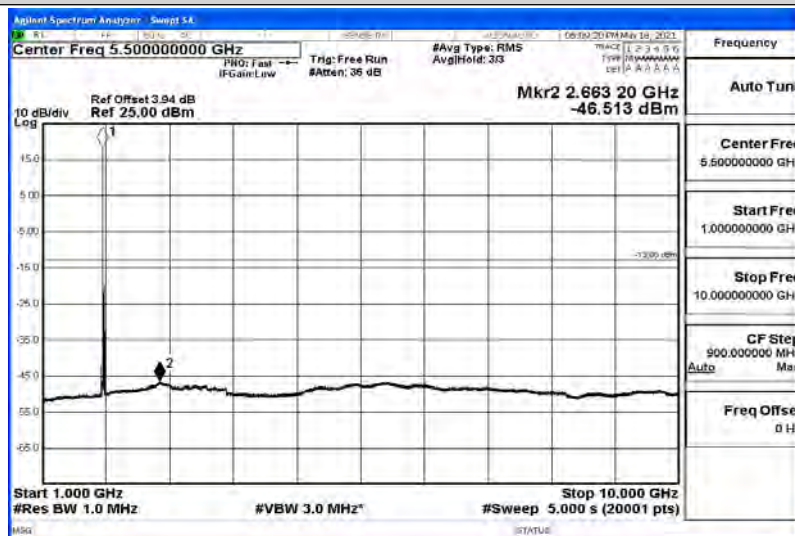
Band25-20MHz-QPSK-26590-1RB#0-Range3:10000~20000MHz



Band25-20MHz-16QAM-26140-1RB#0-Range1:30~1000MHz



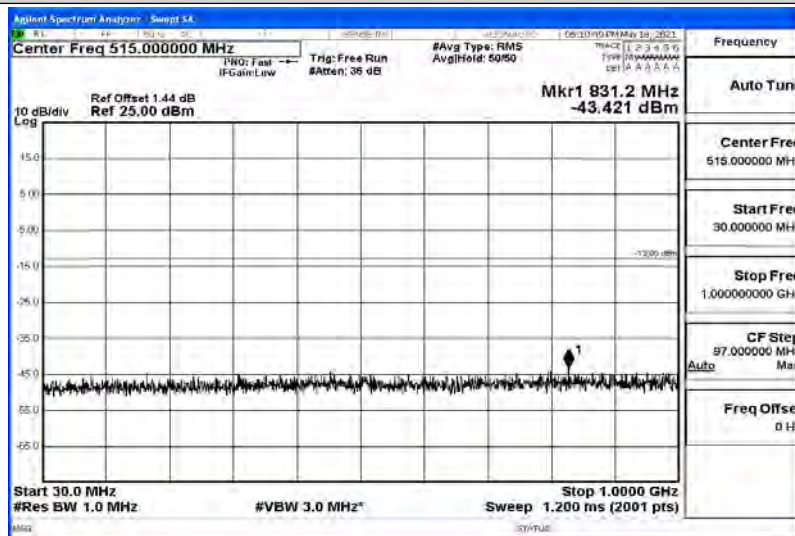
Band25-20MHz-16QAM-26140-1RB#0-Range2:1000~10000MHz



Band25-20MHz-16QAM-26140-1RB#0-Range3:10000~20000MHz



Band25-20MHz-16QAM-26365-1RB#0-Range1:30~1000MHz



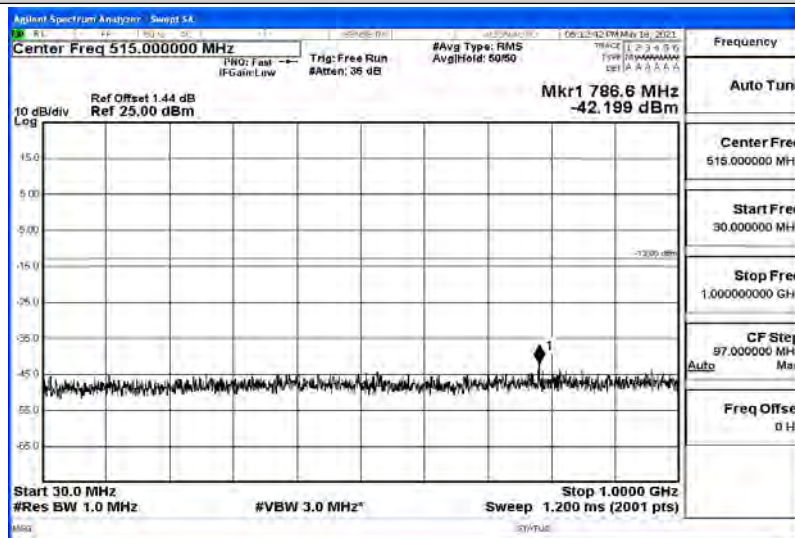
Band25-20MHz-16QAM-26365-1RB#0-Range2:1000~10000MHz



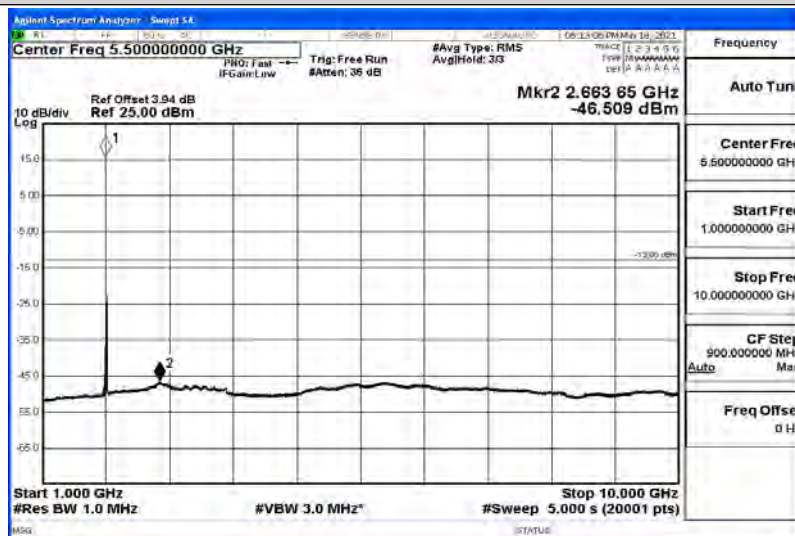
Band25-20MHz-16QAM-26365-1RB#0-Range3:10000~20000MHz



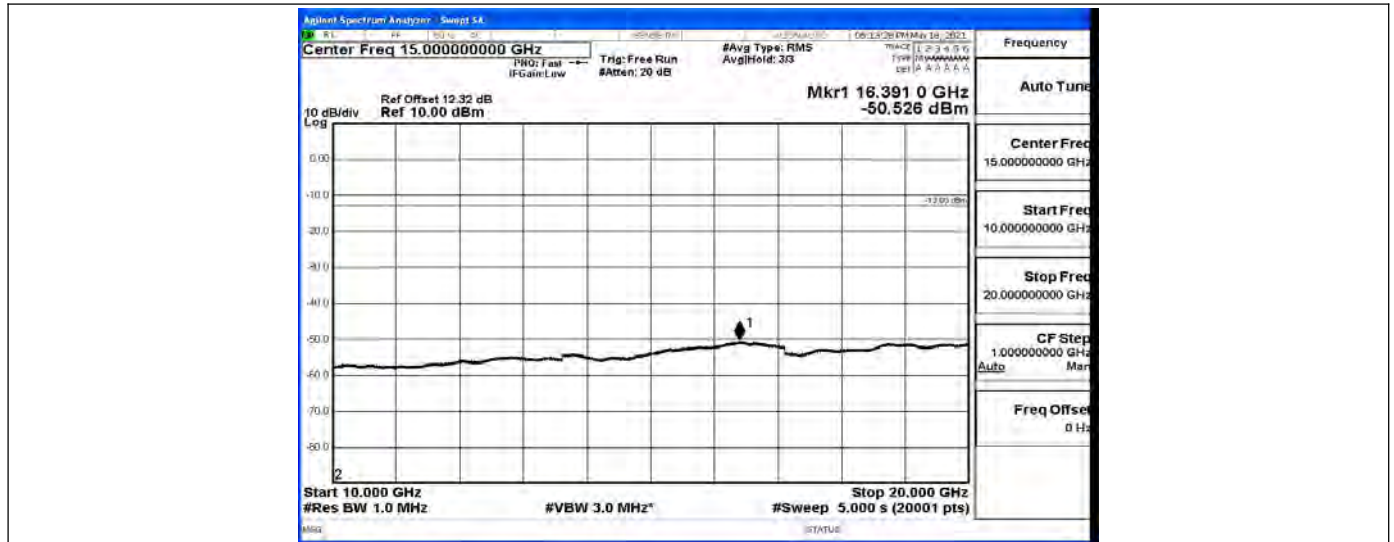
Band25-20MHz-16QAM-26590-1RB#0-Range1:30~1000MHz



Band25-20MHz-16QAM-26590-1RB#0-Range2:1000~10000MHz



Band25-20MHz-16QAM-26590-1RB#0-Range3:10000~20000MHz



Note: Not recorded test plots from 9 KHz to 30 MHz as emission levels 20dB lower than emission limit.