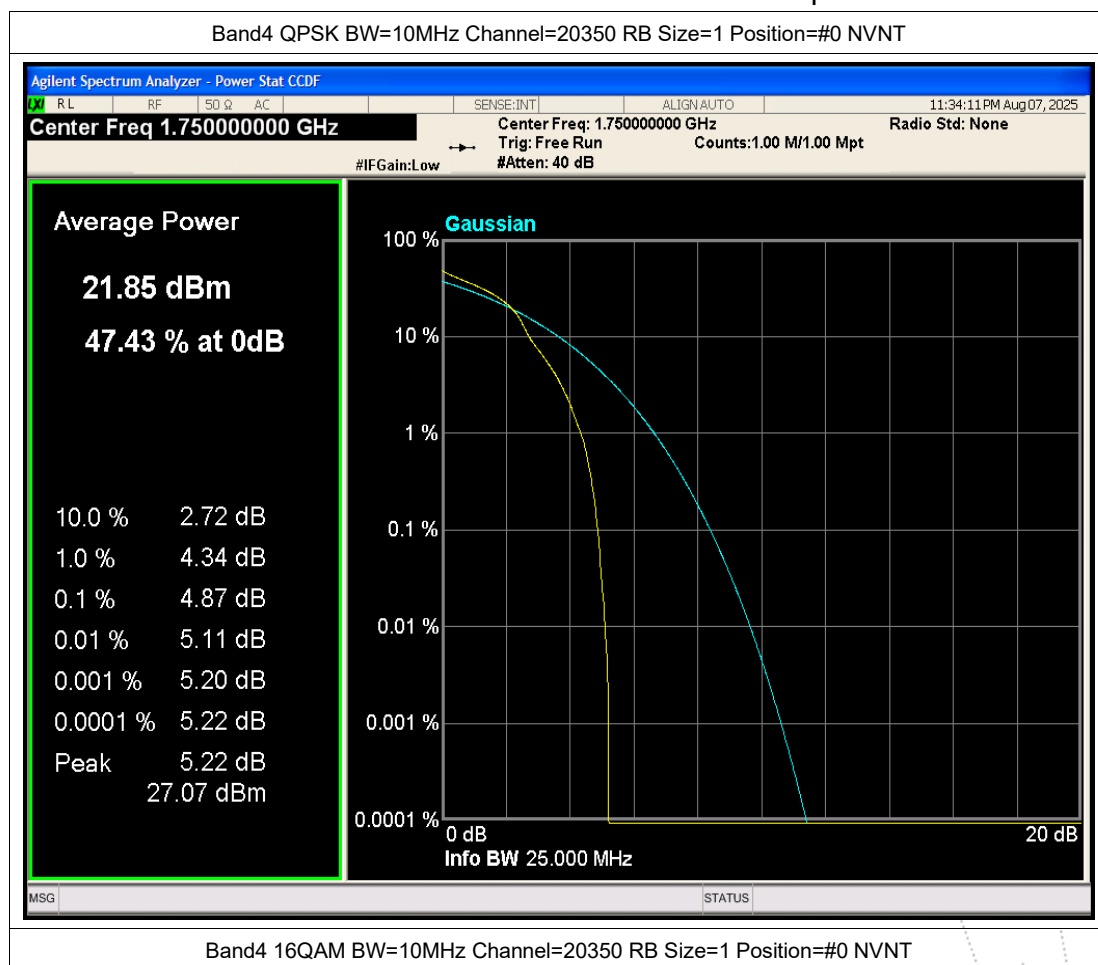
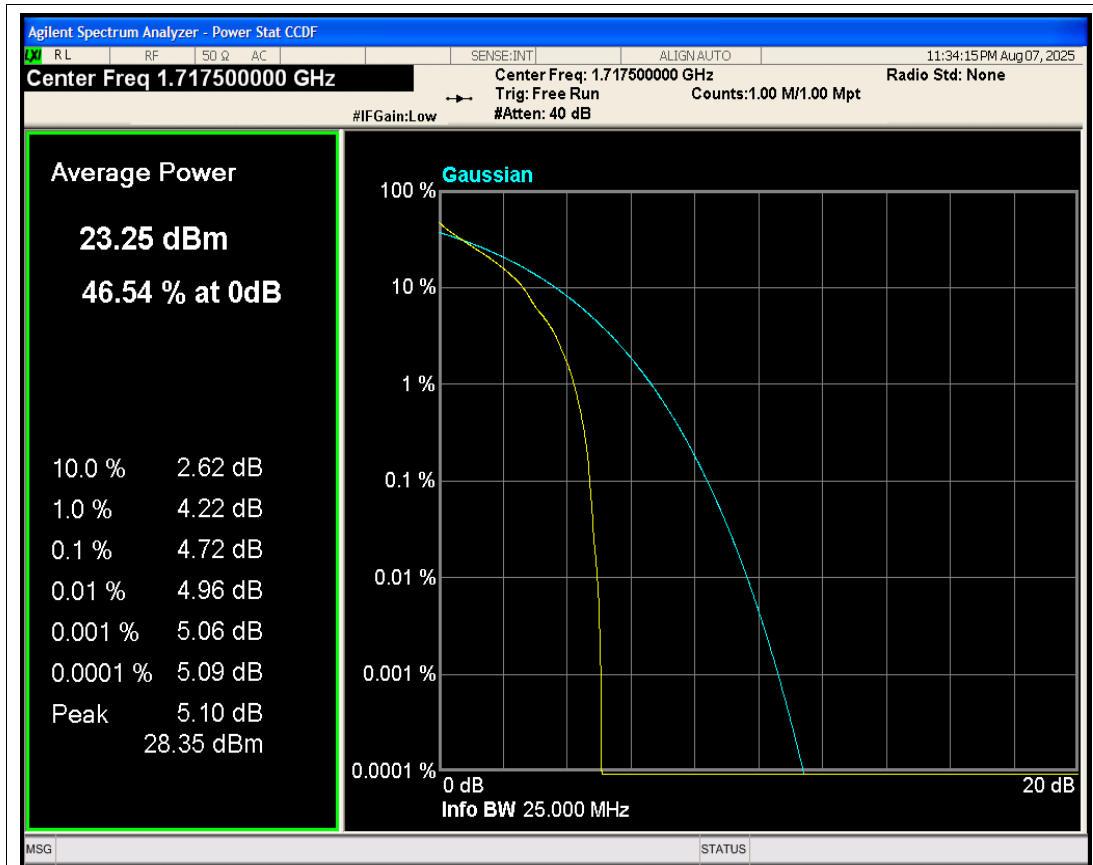
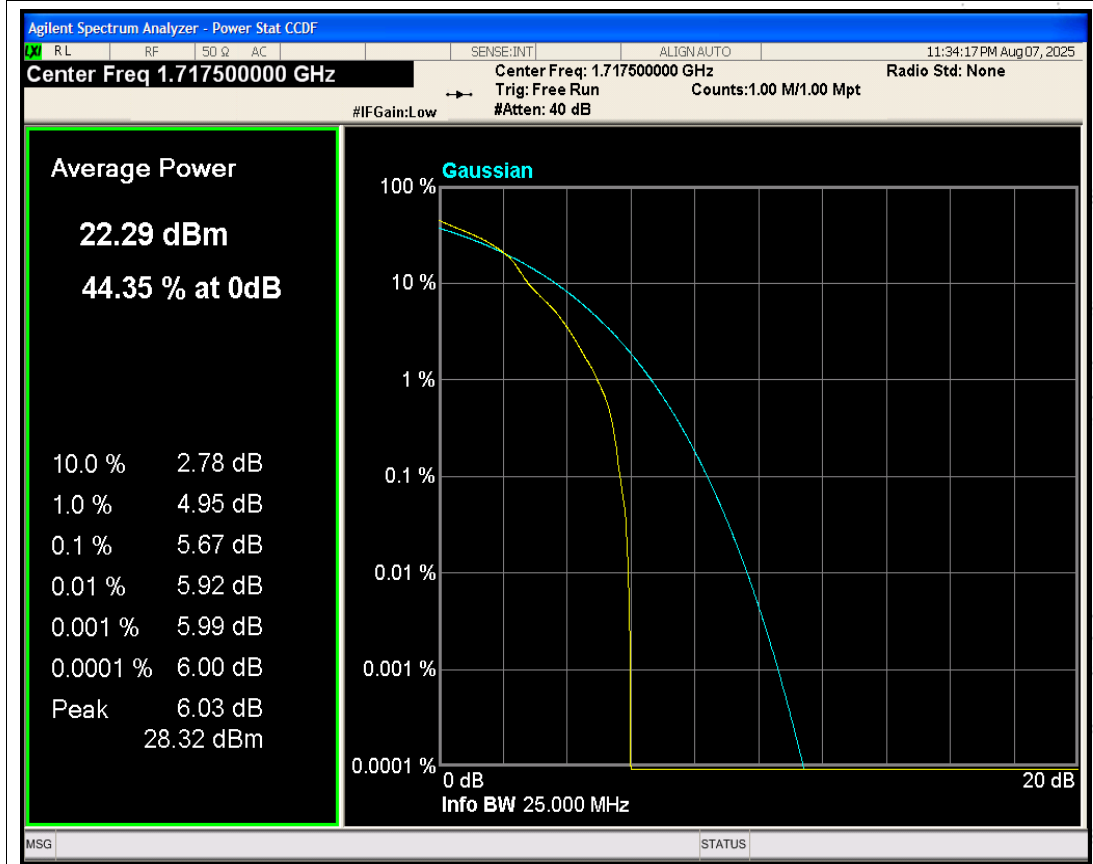
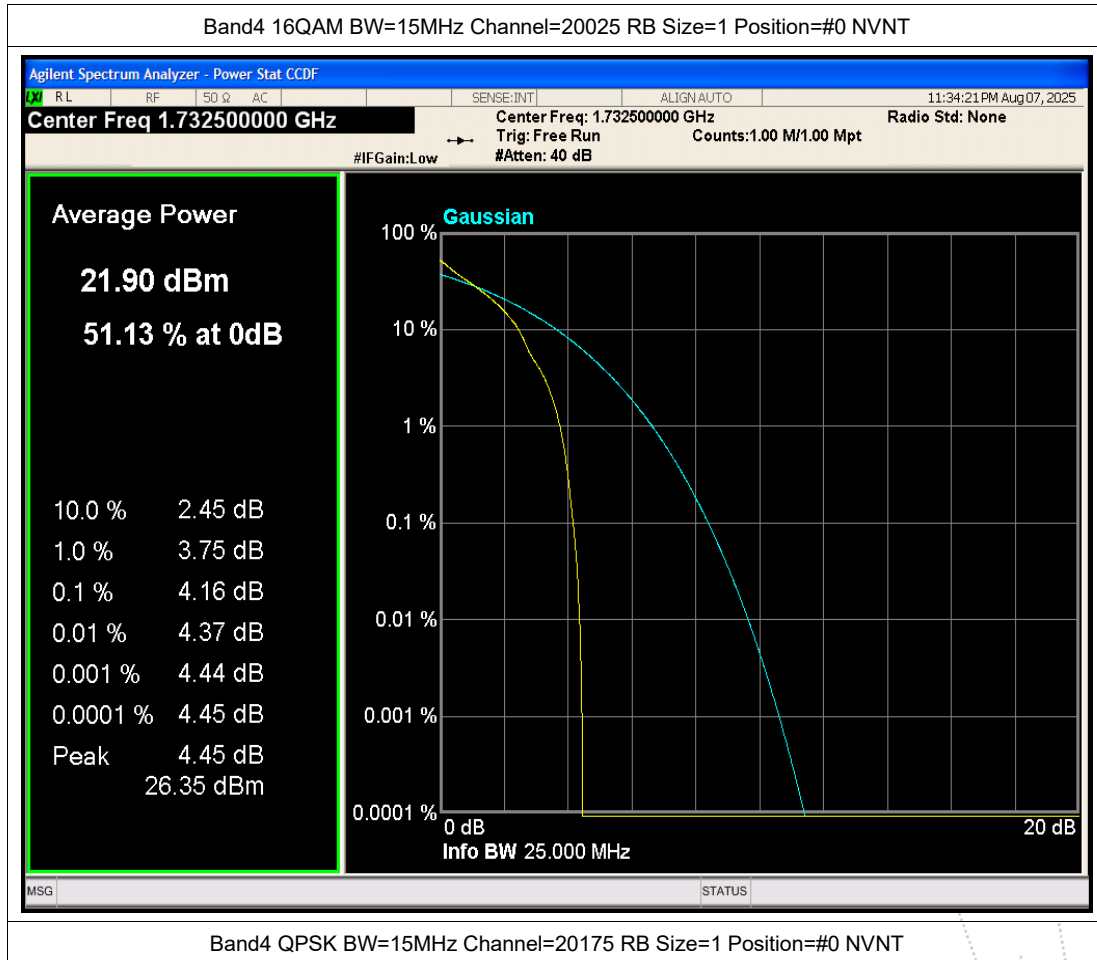


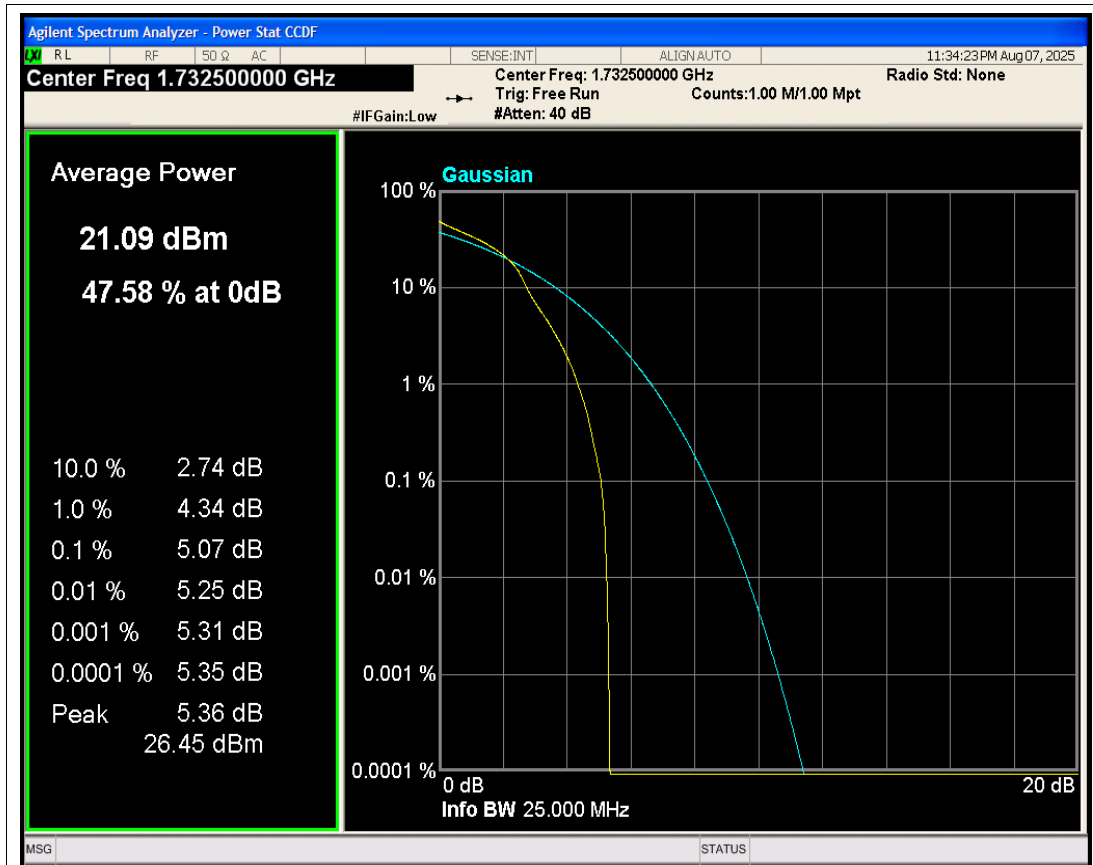




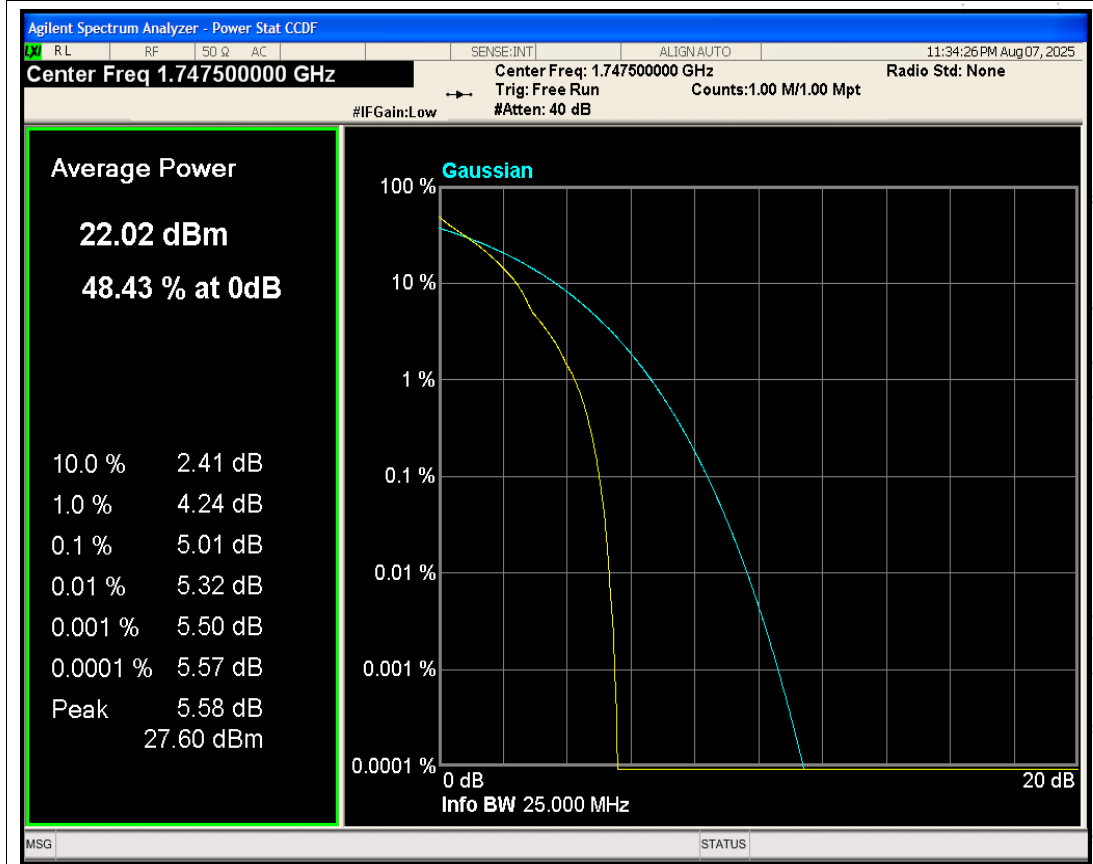
Band4 QPSK BW=15MHz Channel=20025 RB Size=1 Position=#0 NVNT

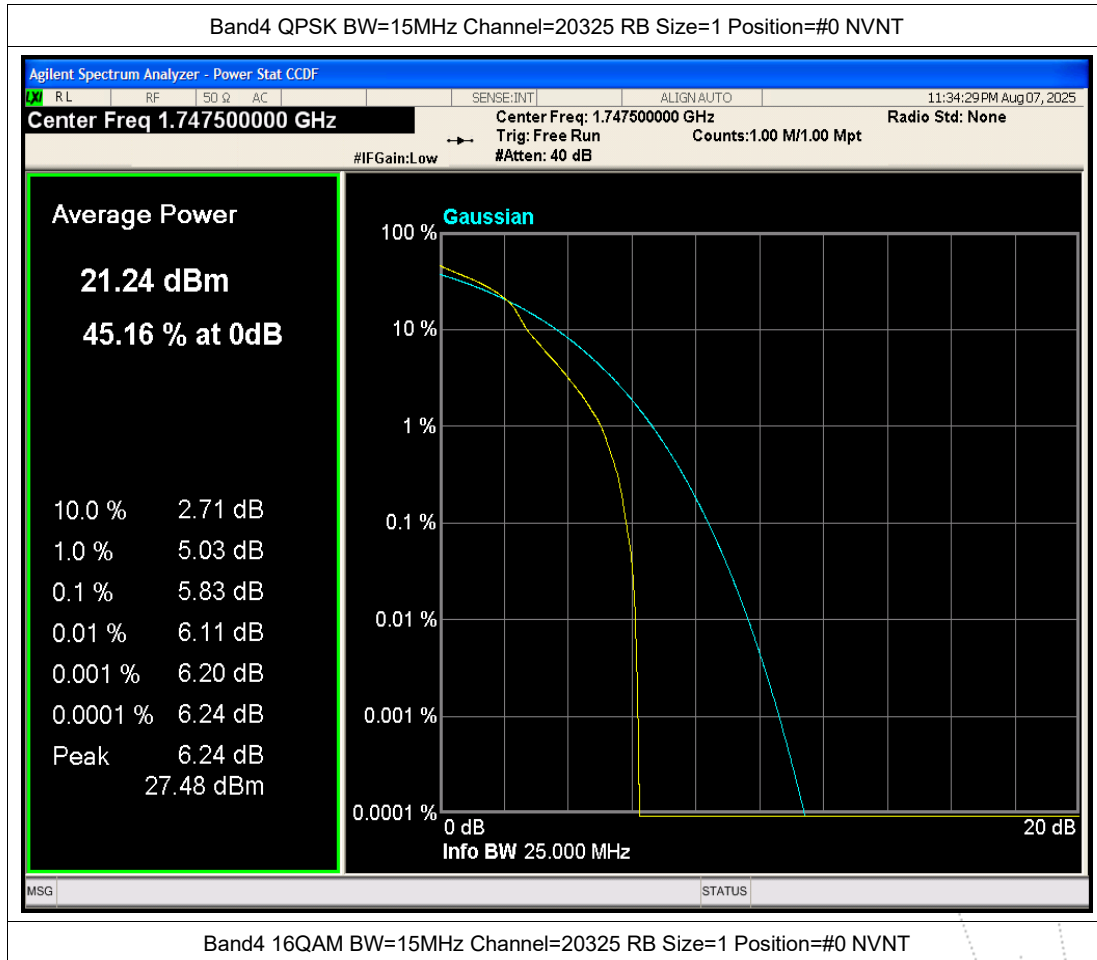


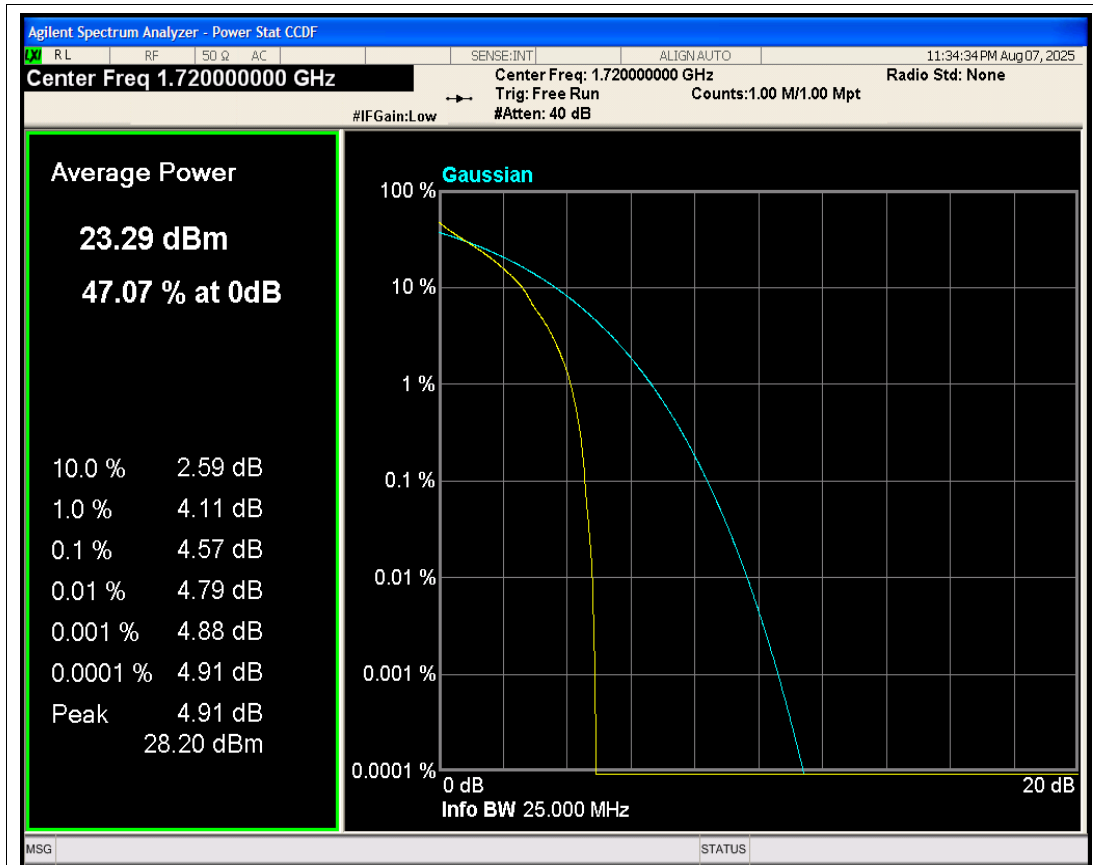




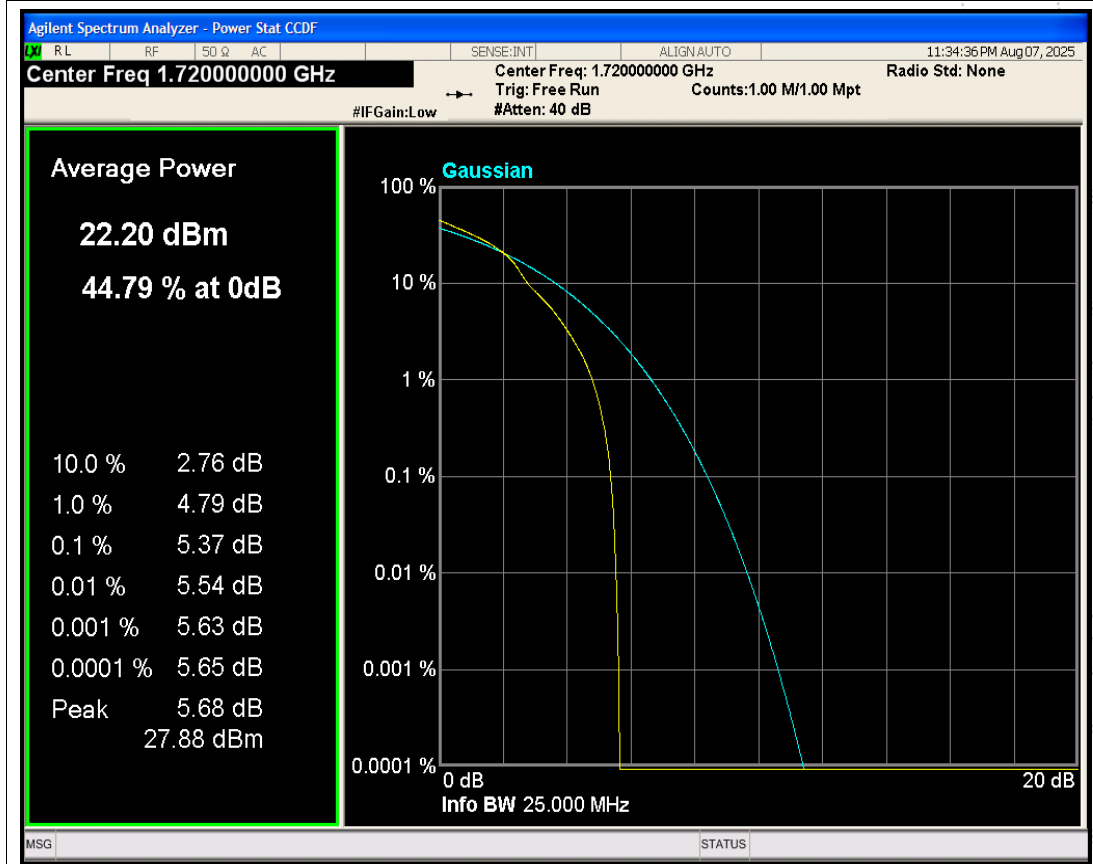
Band4 16QAM BW=15MHz Channel=20175 RB Size=1 Position=#0 NVNT

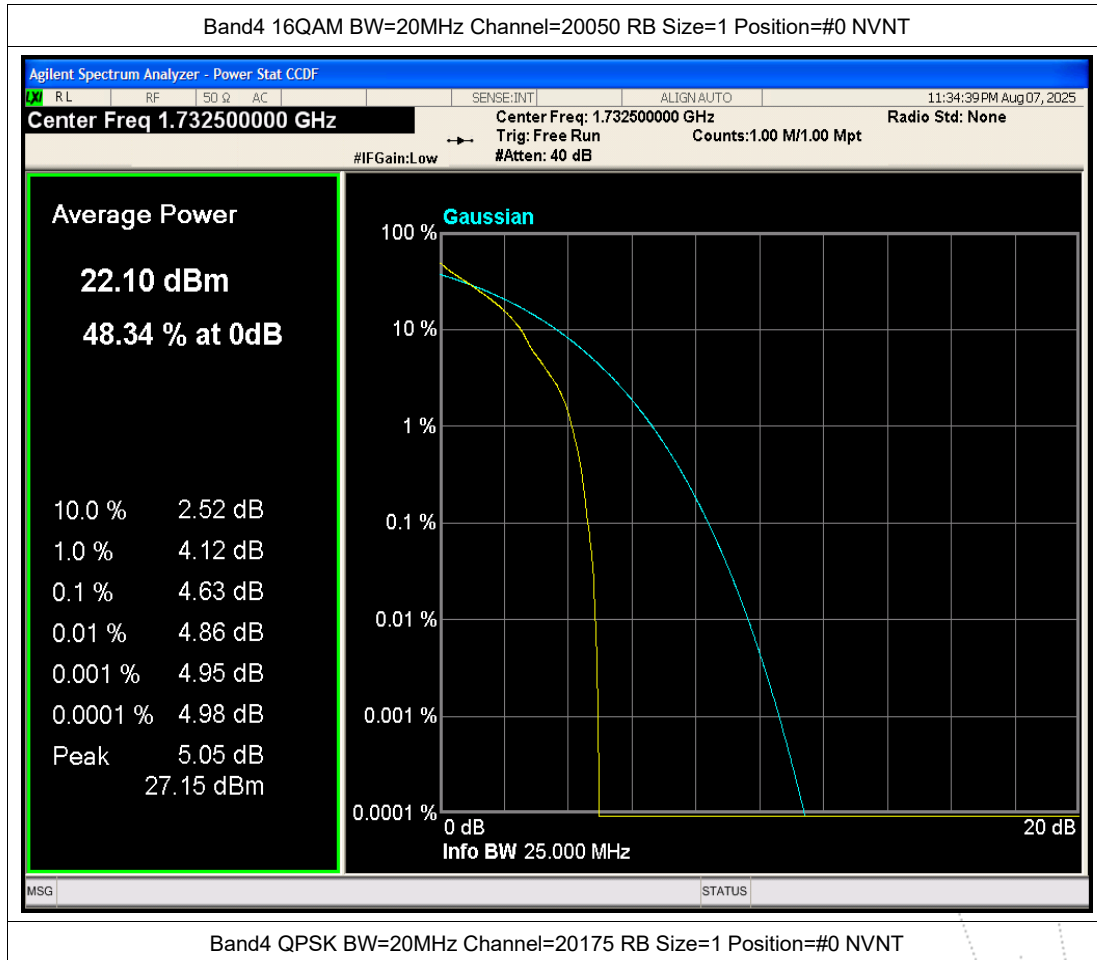


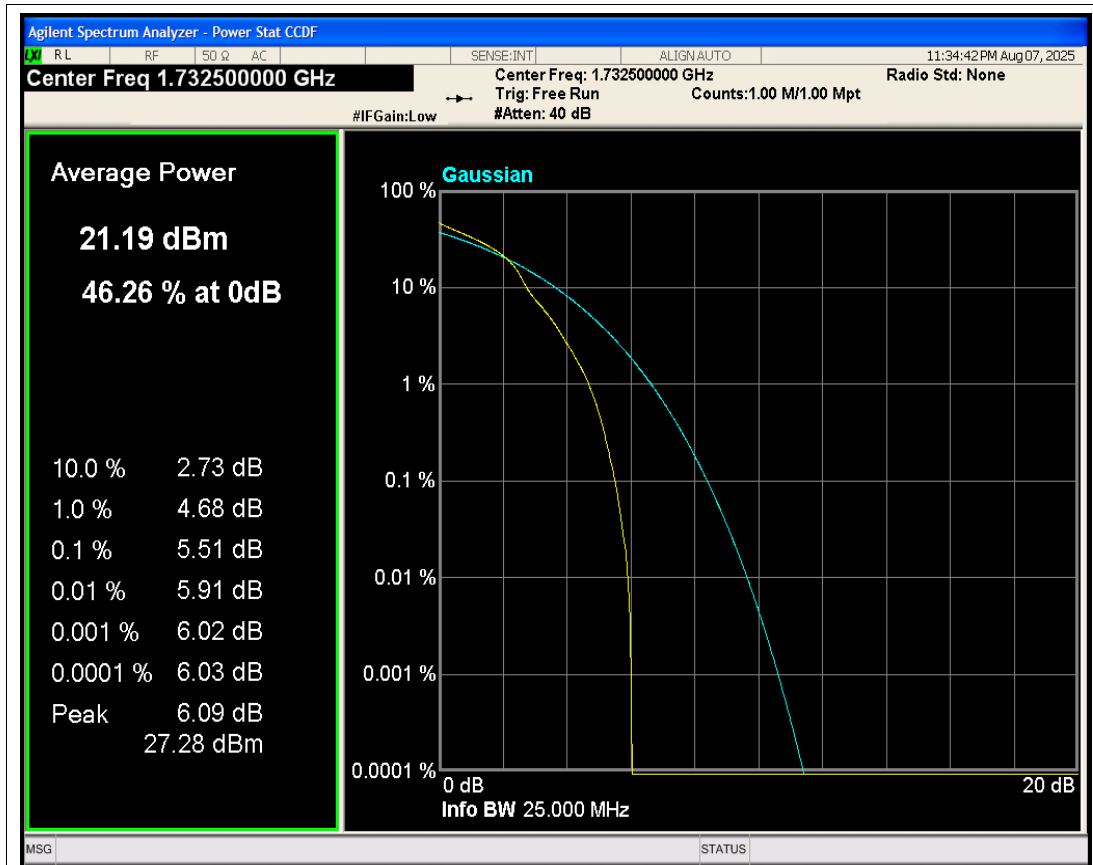




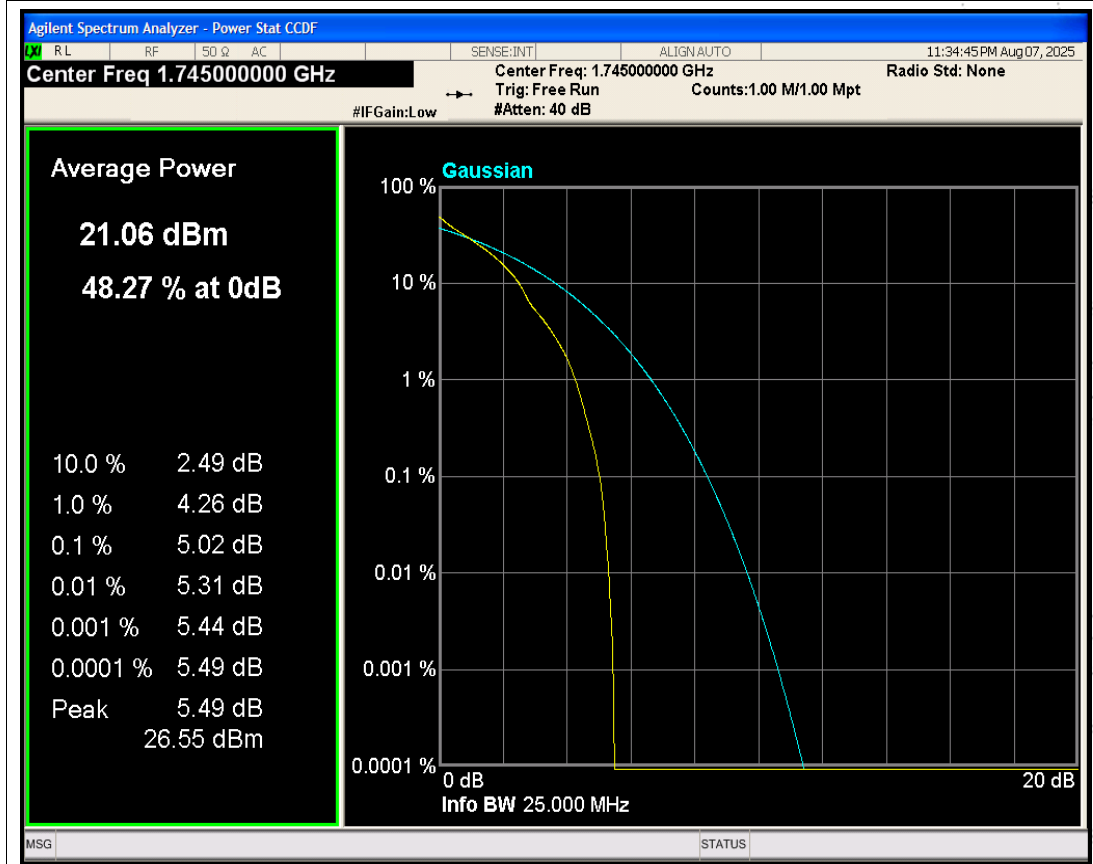
Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#0 NVNT

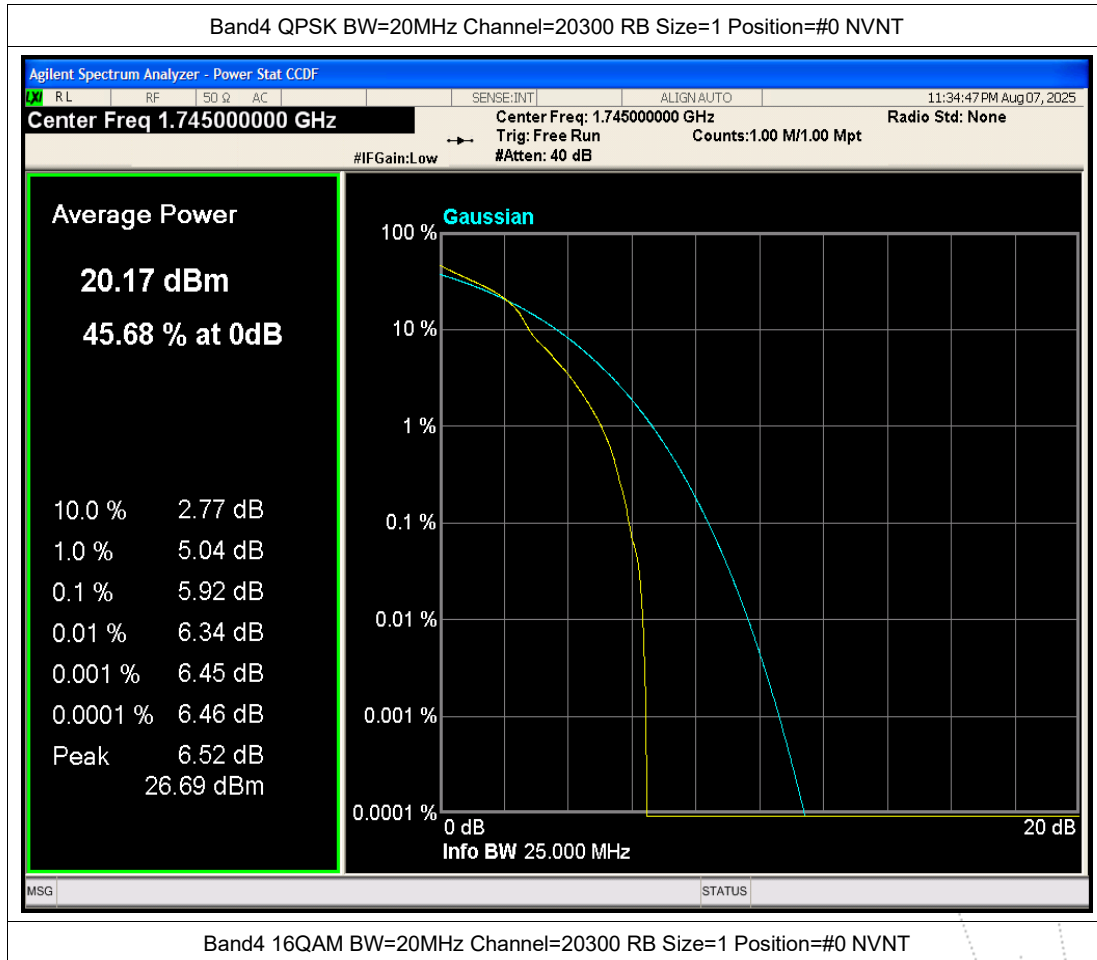






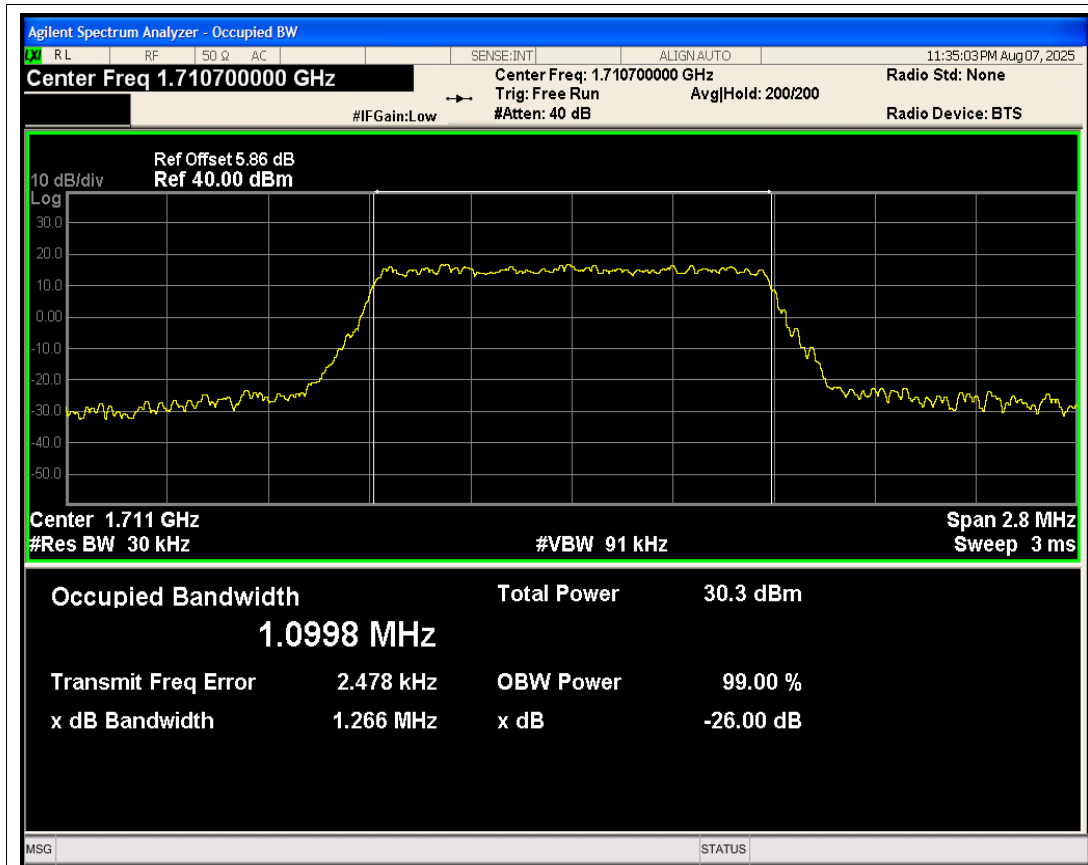
Band4 16QAM BW=20MHz Channel=20175 RB Size=1 Position=#0 NVNT



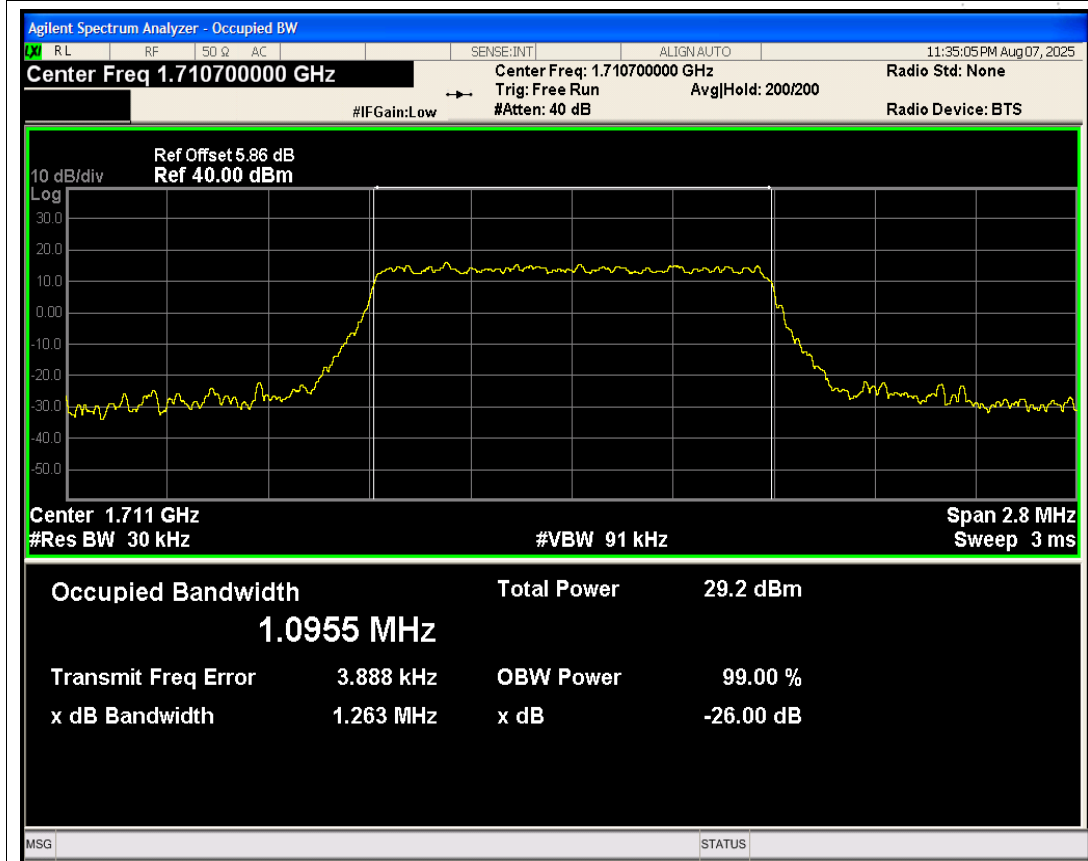


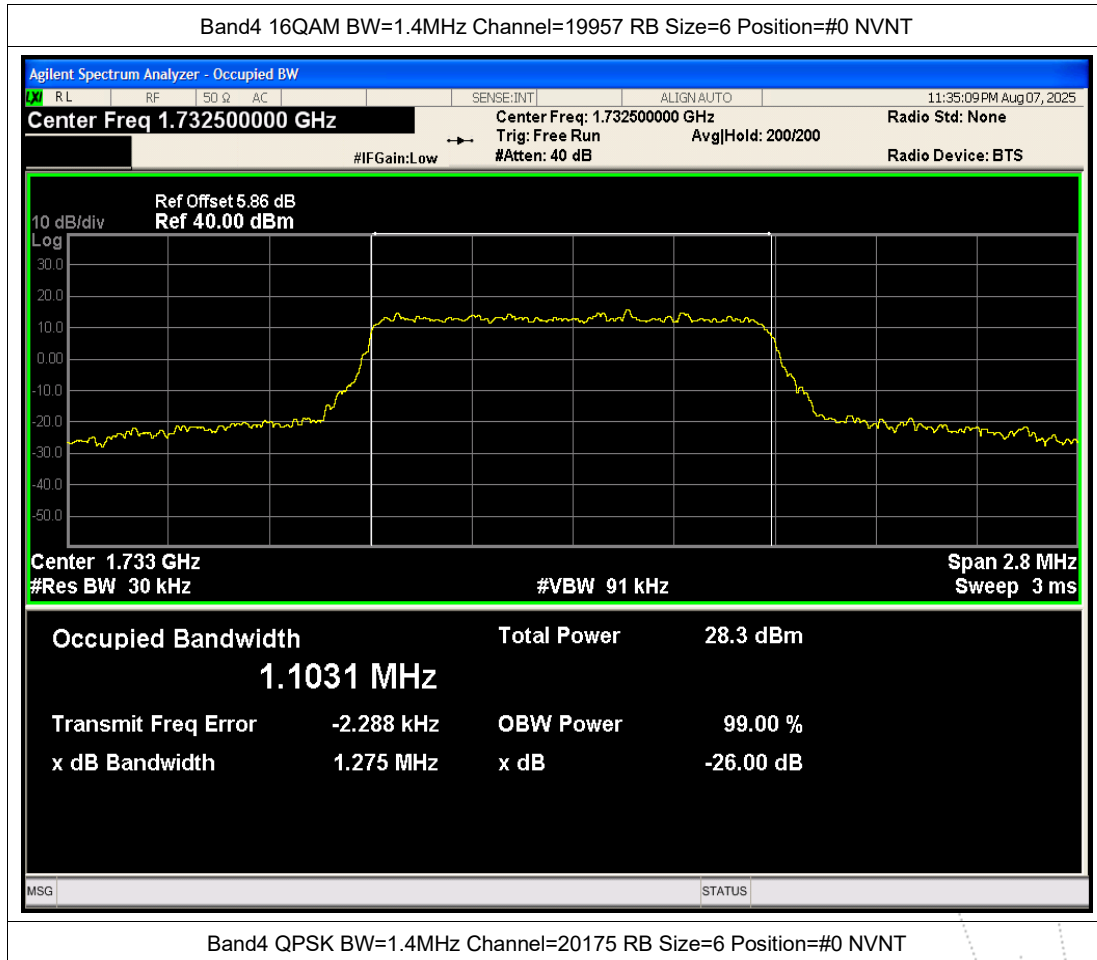
Appendix 4.Occupied bandwidth

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
NVNT	Band4	1.4	19957	6	#0	QPSK	1.100	1.266	PASS
NVNT	Band4	1.4	19957	6	#0	16QAM	1.096	1.263	PASS
NVNT	Band4	1.4	20175	6	#0	QPSK	1.103	1.275	PASS
NVNT	Band4	1.4	20175	6	#0	16QAM	1.099	1.257	PASS
NVNT	Band4	1.4	20393	6	#0	QPSK	1.090	1.280	PASS
NVNT	Band4	1.4	20393	6	#0	16QAM	1.097	1.283	PASS
NVNT	Band4	3	19965	15	#0	QPSK	2.691	2.931	PASS
NVNT	Band4	3	19965	15	#0	16QAM	2.690	2.918	PASS
NVNT	Band4	3	20175	15	#0	QPSK	2.696	2.952	PASS
NVNT	Band4	3	20175	15	#0	16QAM	2.692	2.930	PASS
NVNT	Band4	3	20385	15	#0	QPSK	2.696	2.950	PASS
NVNT	Band4	3	20385	15	#0	16QAM	2.691	2.961	PASS
NVNT	Band4	5	19975	25	#0	QPSK	4.490	4.942	PASS
NVNT	Band4	5	19975	25	#0	16QAM	4.528	4.912	PASS
NVNT	Band4	5	20175	25	#0	QPSK	4.501	4.885	PASS
NVNT	Band4	5	20175	25	#0	16QAM	4.504	4.929	PASS
NVNT	Band4	5	20375	25	#0	QPSK	4.518	4.950	PASS
NVNT	Band4	5	20375	25	#0	16QAM	4.510	4.928	PASS
NVNT	Band4	10	20000	50	#0	QPSK	8.951	9.752	PASS
NVNT	Band4	10	20175	50	#0	QPSK	8.976	9.722	PASS
NVNT	Band4	10	20350	50	#0	QPSK	8.960	9.697	PASS
NVNT	Band4	15	20025	75	#0	QPSK	13.451	14.458	PASS
NVNT	Band4	15	20175	75	#0	QPSK	13.484	14.531	PASS
NVNT	Band4	15	20325	75	#0	QPSK	13.444	14.422	PASS
NVNT	Band4	20	20050	100	#0	QPSK	17.836	18.979	PASS
NVNT	Band4	20	20175	100	#0	QPSK	17.923	19.138	PASS
NVNT	Band4	20	20300	100	#0	QPSK	17.913	19.106	PASS

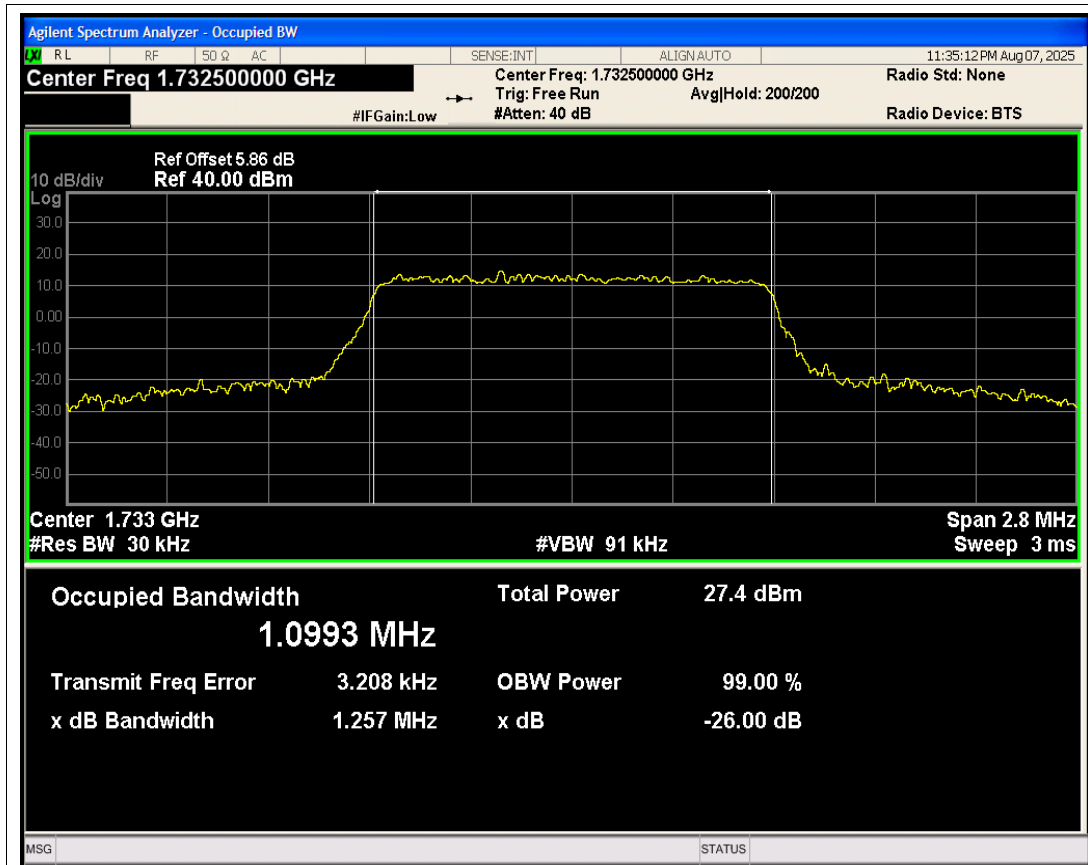


Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0 NVNT

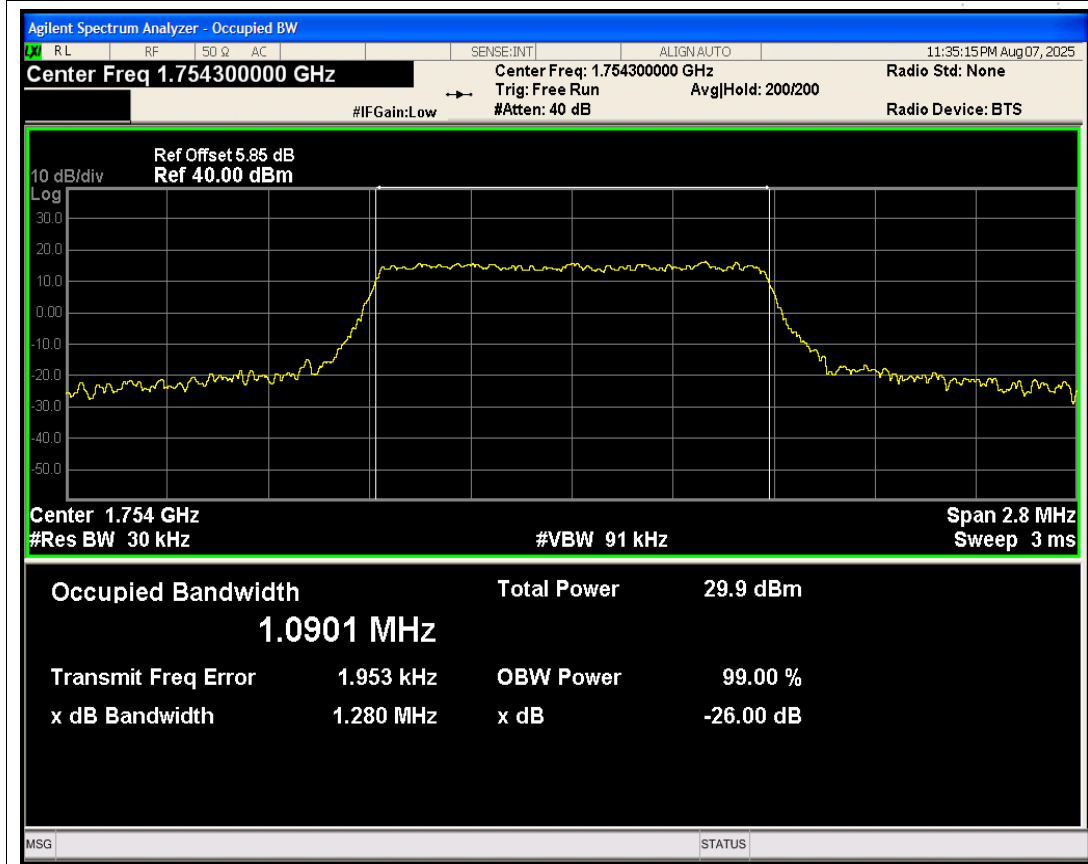


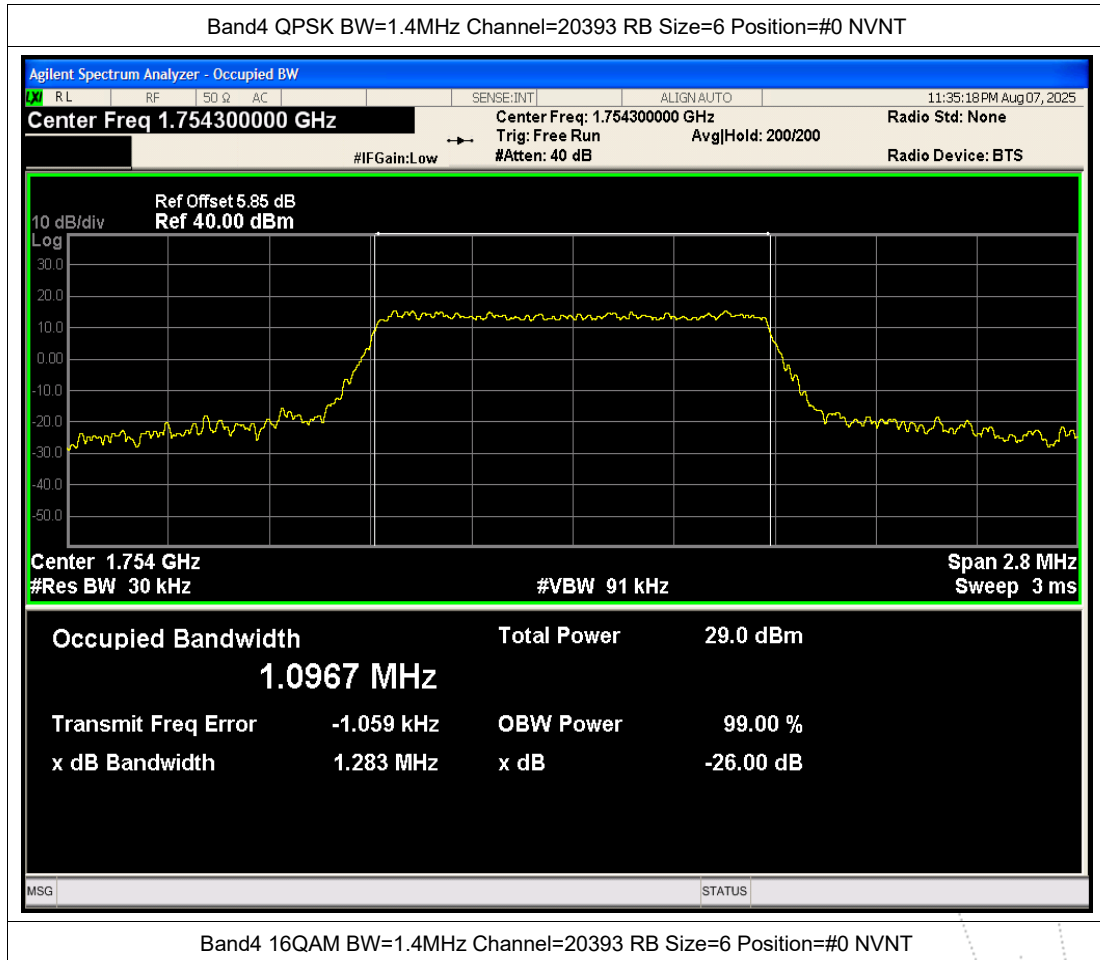


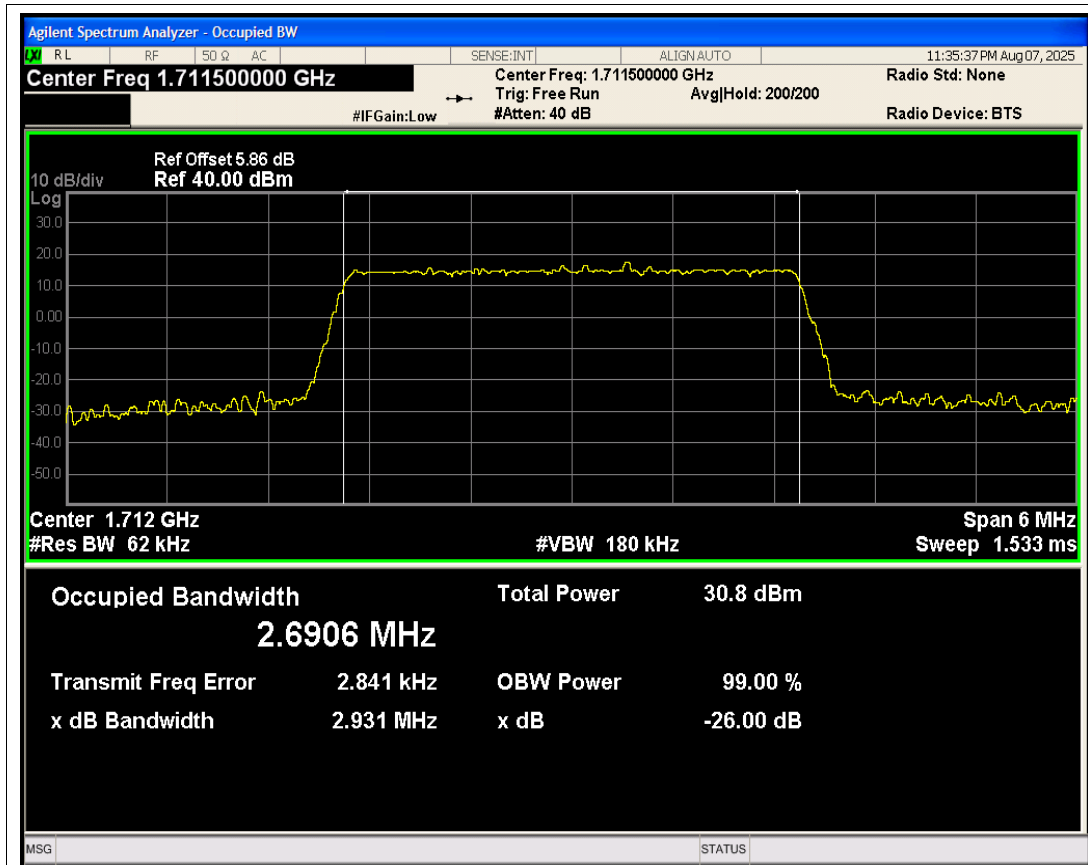
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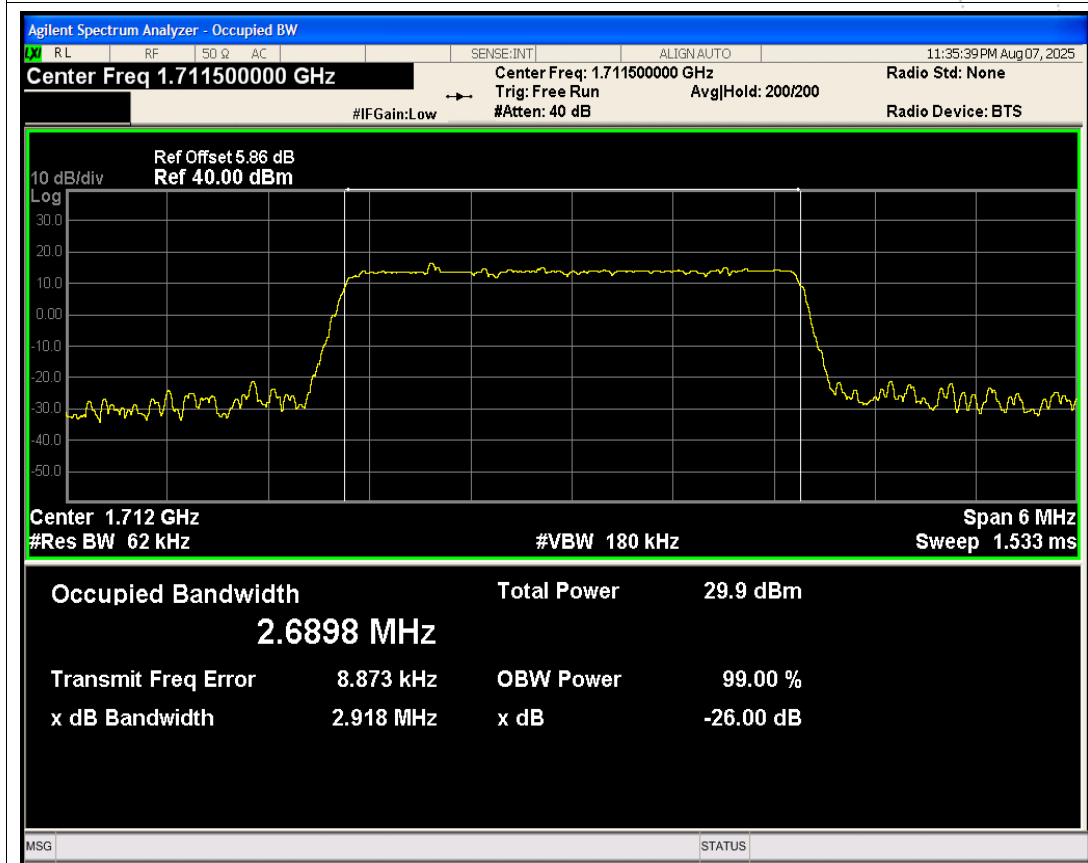
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6 Position=#0 NVNT

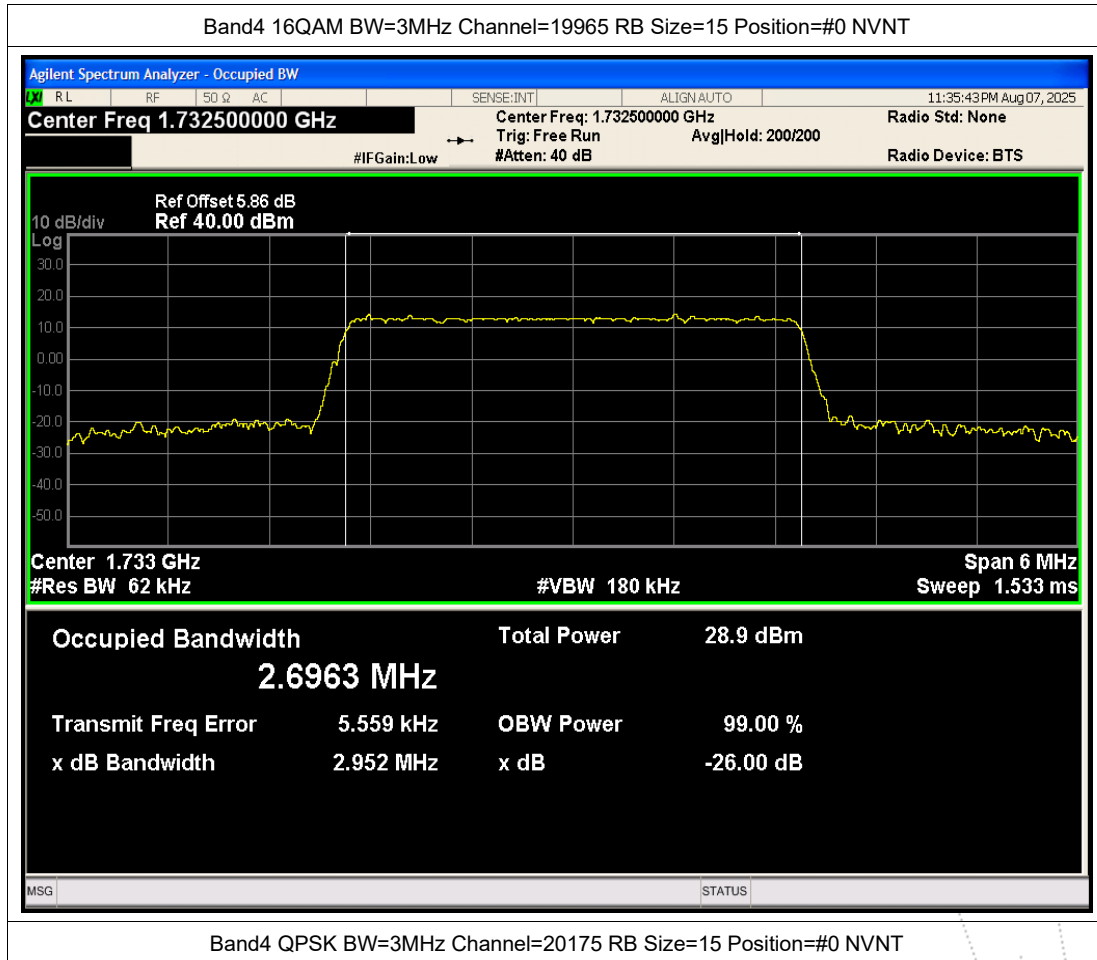


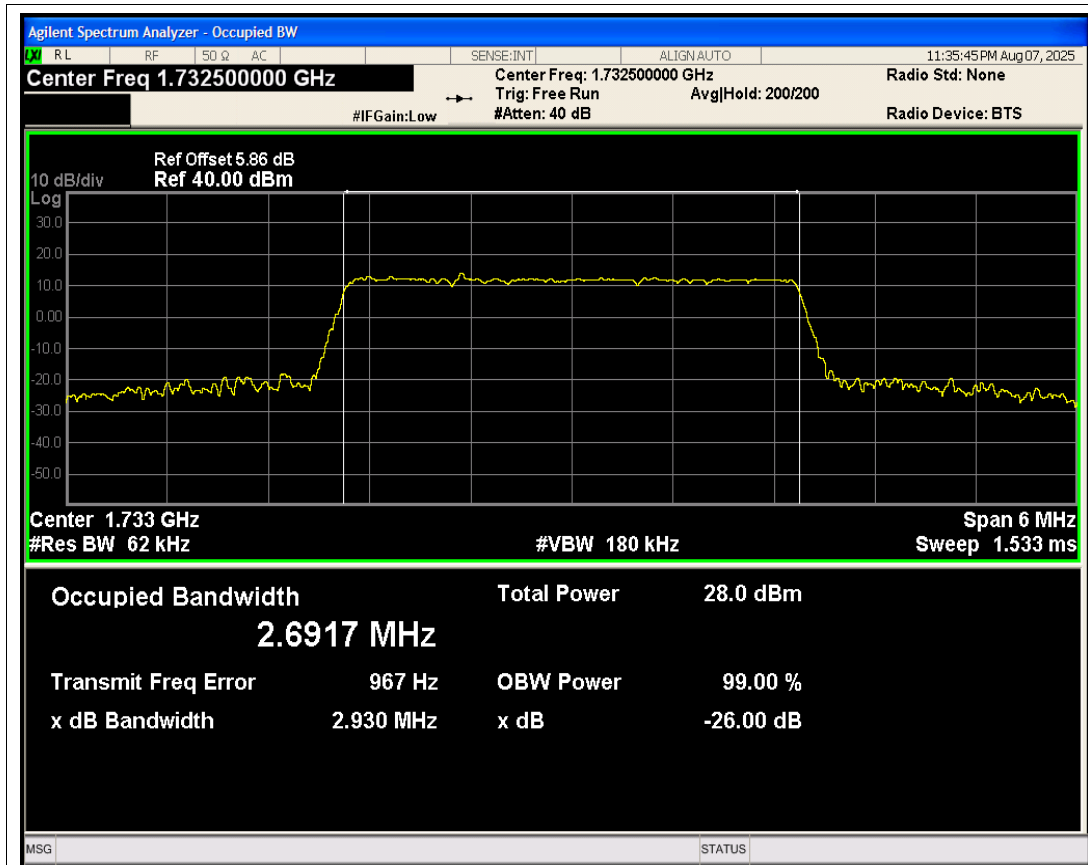




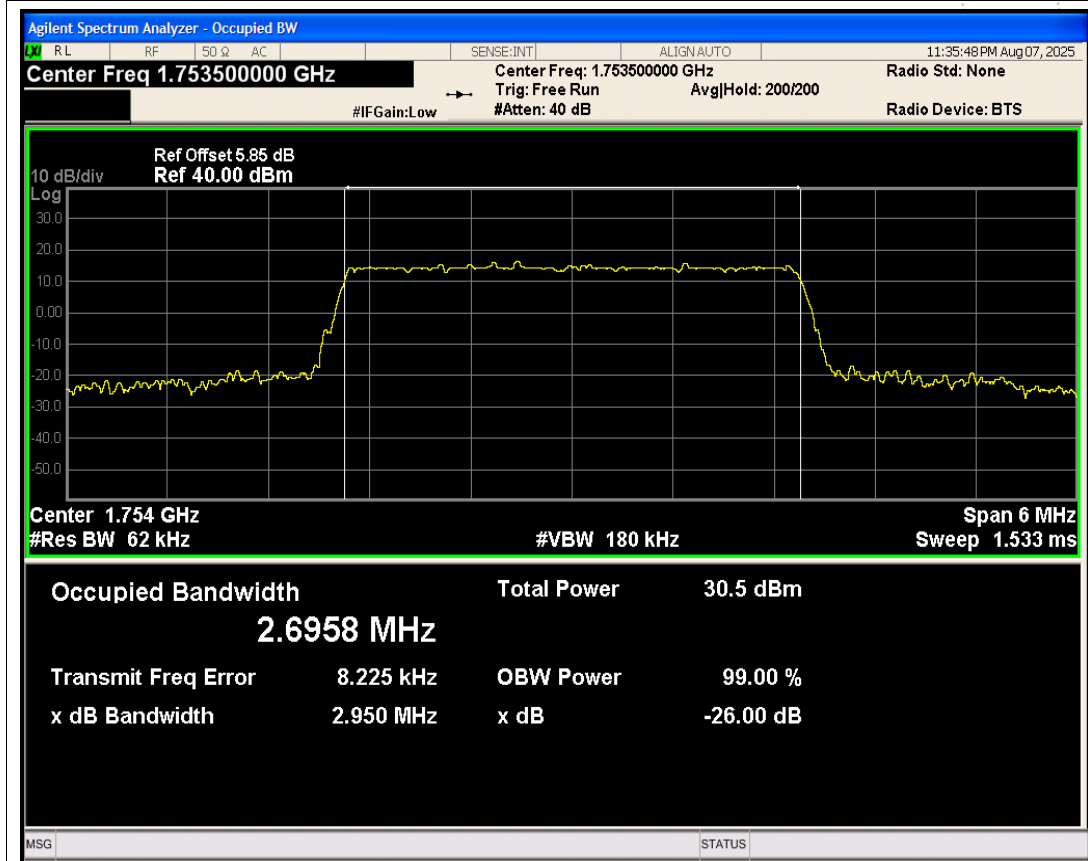
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0 NVNT





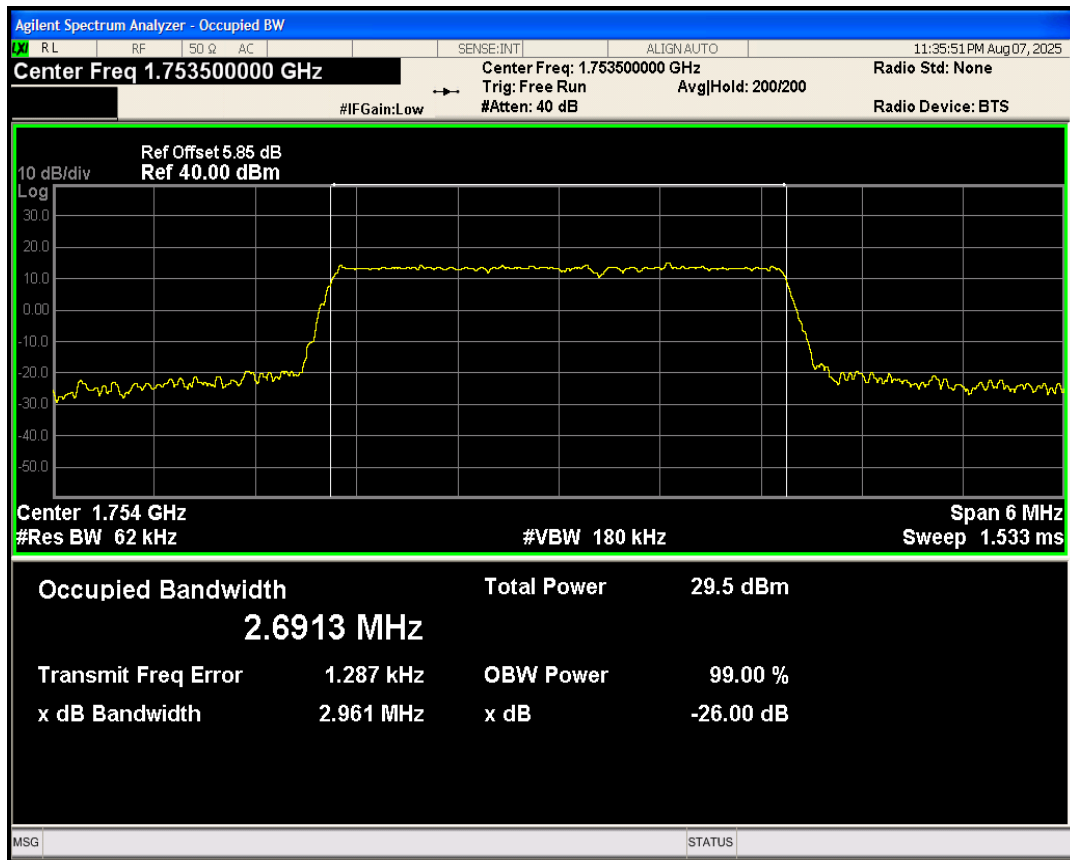


Band4 16QAM BW=3MHz Channel=20175 RB Size=15 Position=#0 NVNT



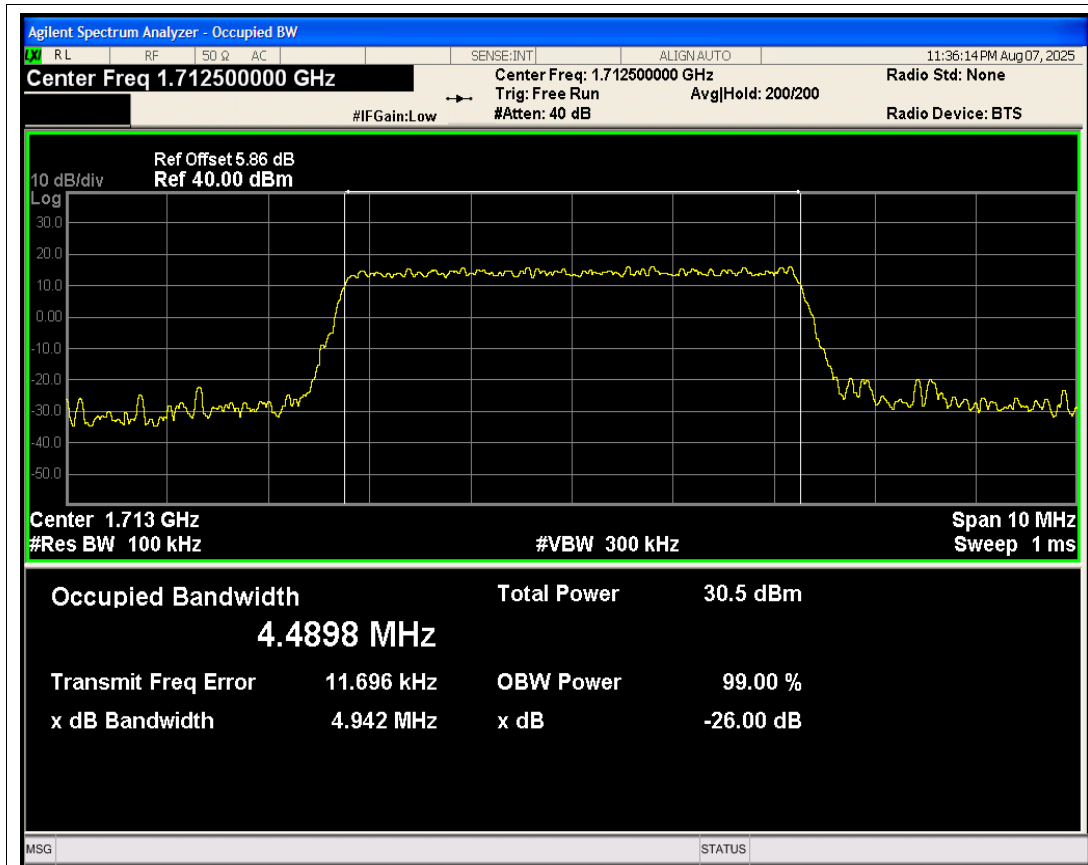


Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0 NVNT

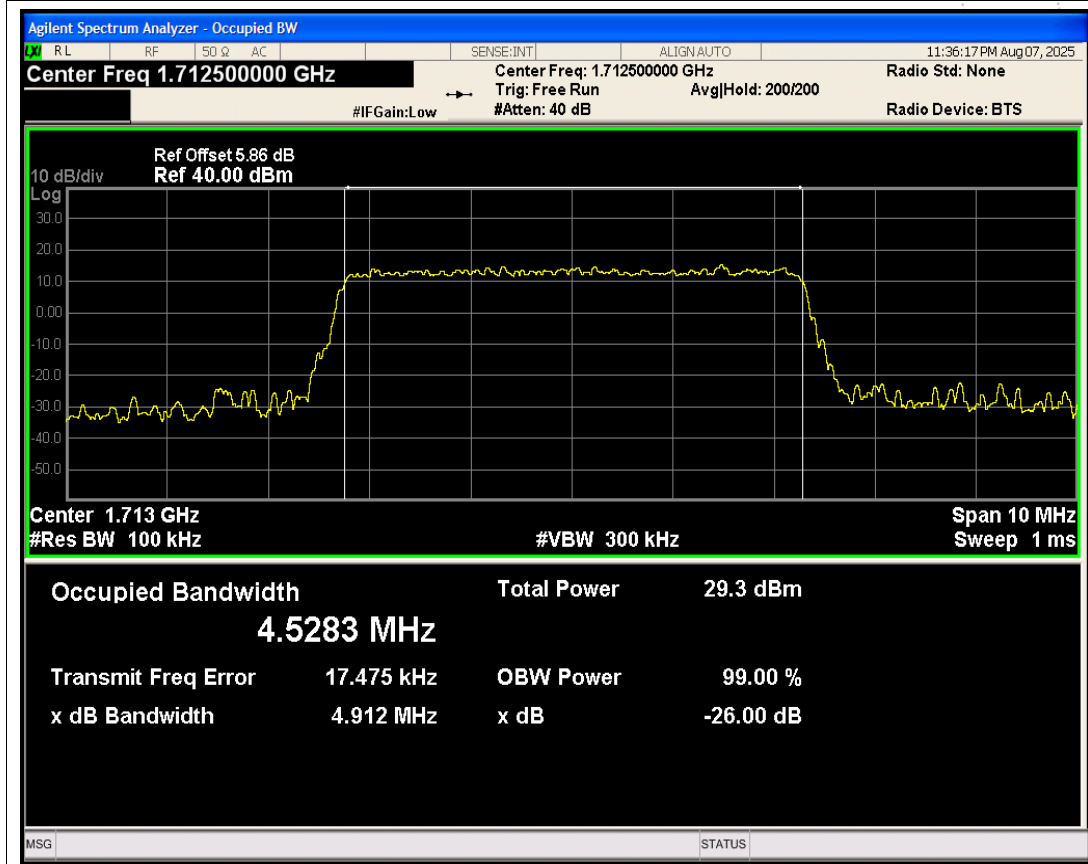


Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0 NVNT

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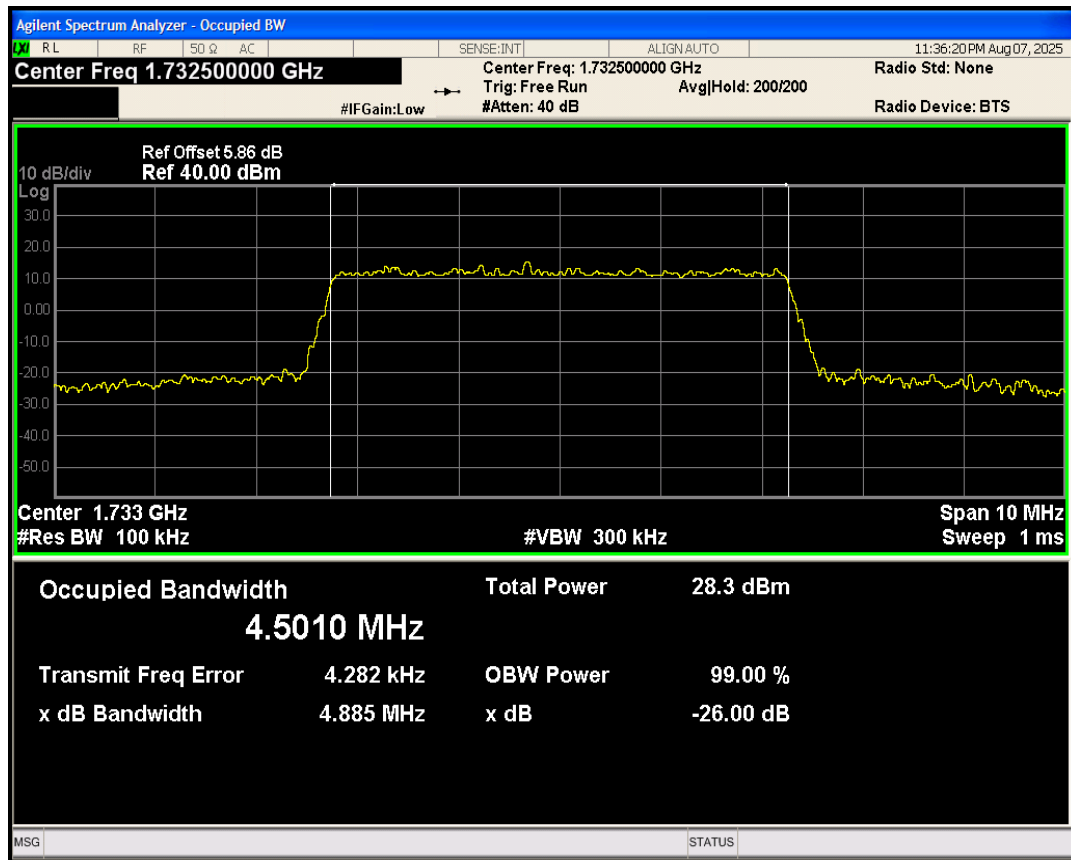


Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0 NVNT

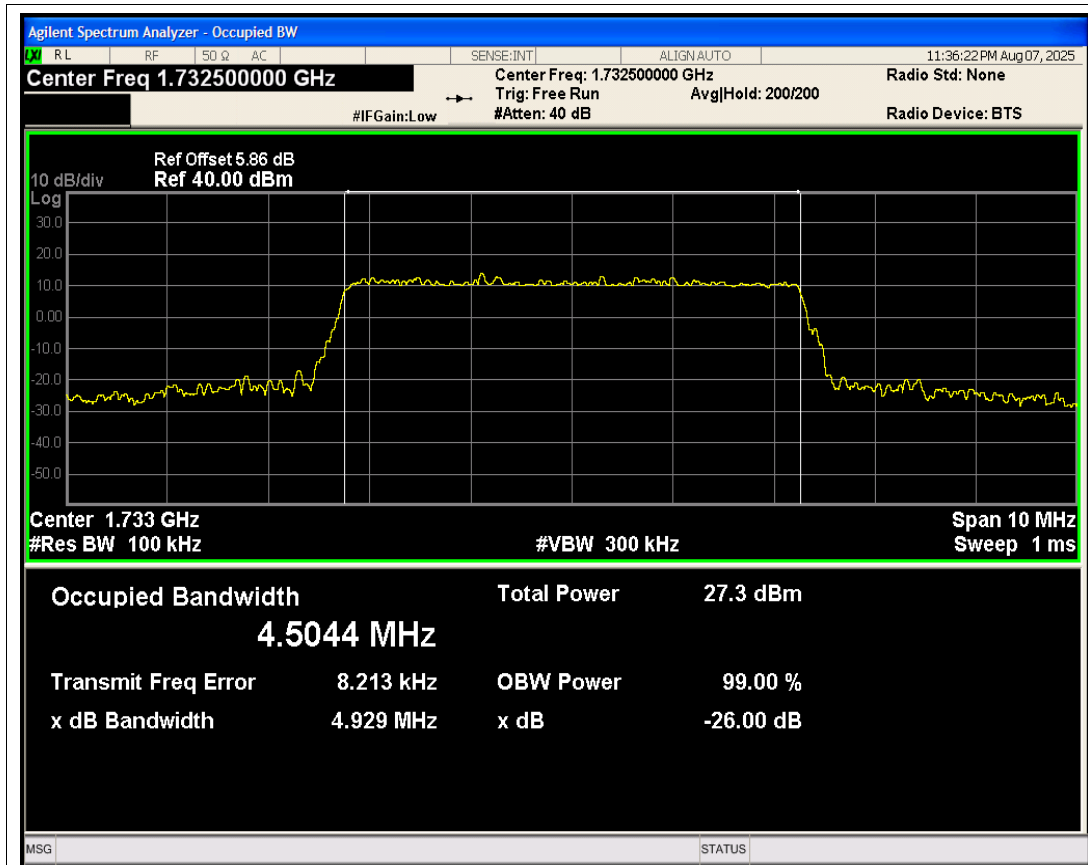




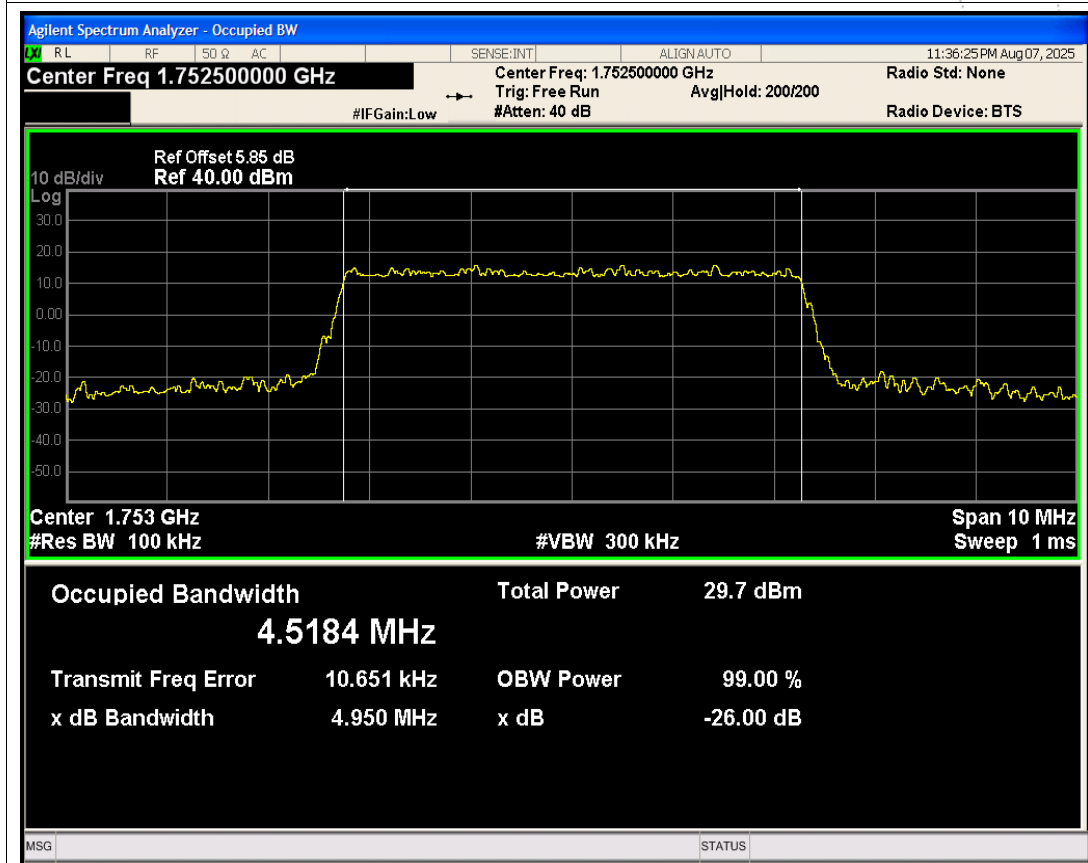
Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0 NVNT

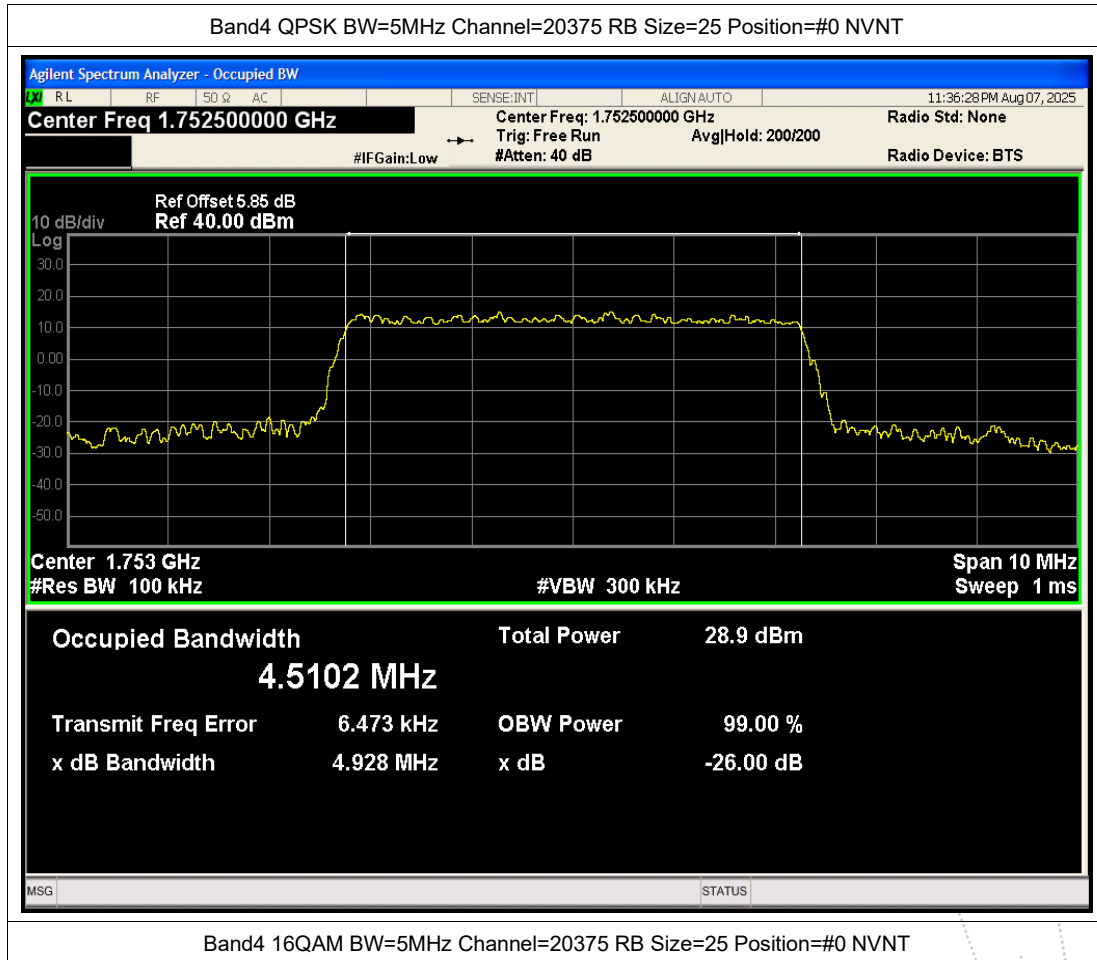


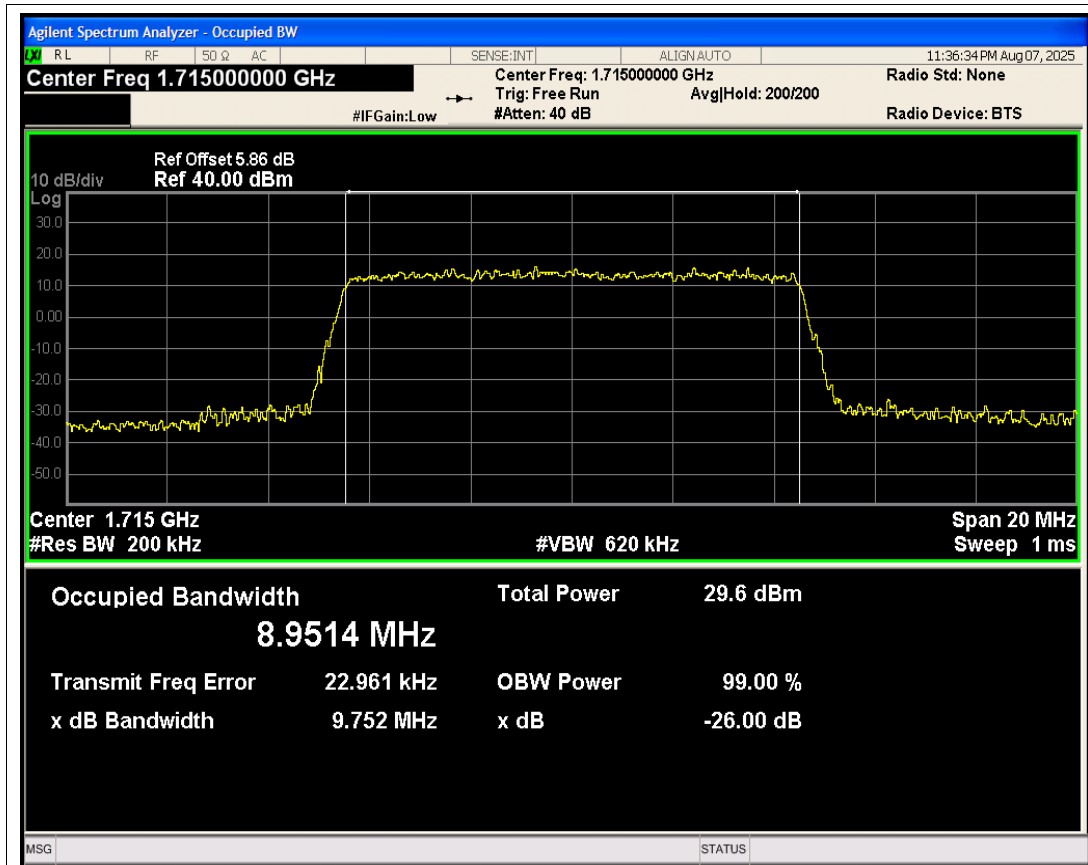
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0 NVNT



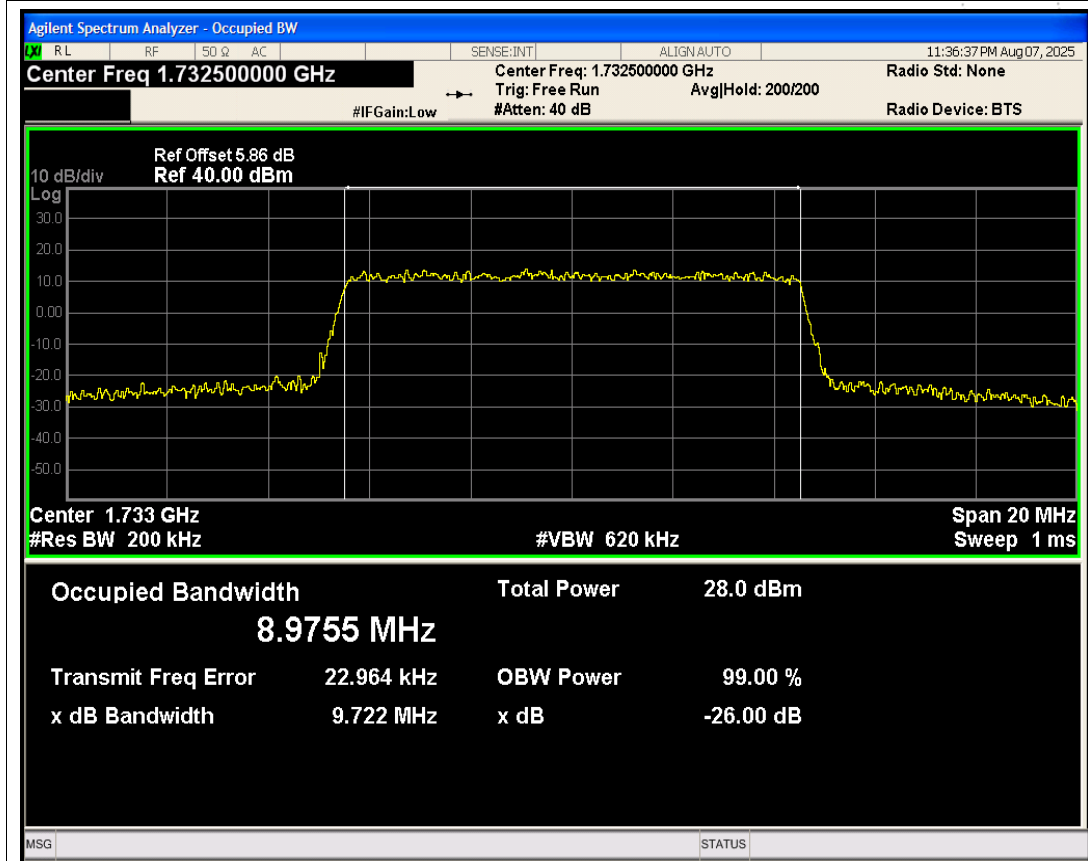
Band4 16QAM BW=5MHz Channel=20175 RB Size=25 Position=#0 NVNT

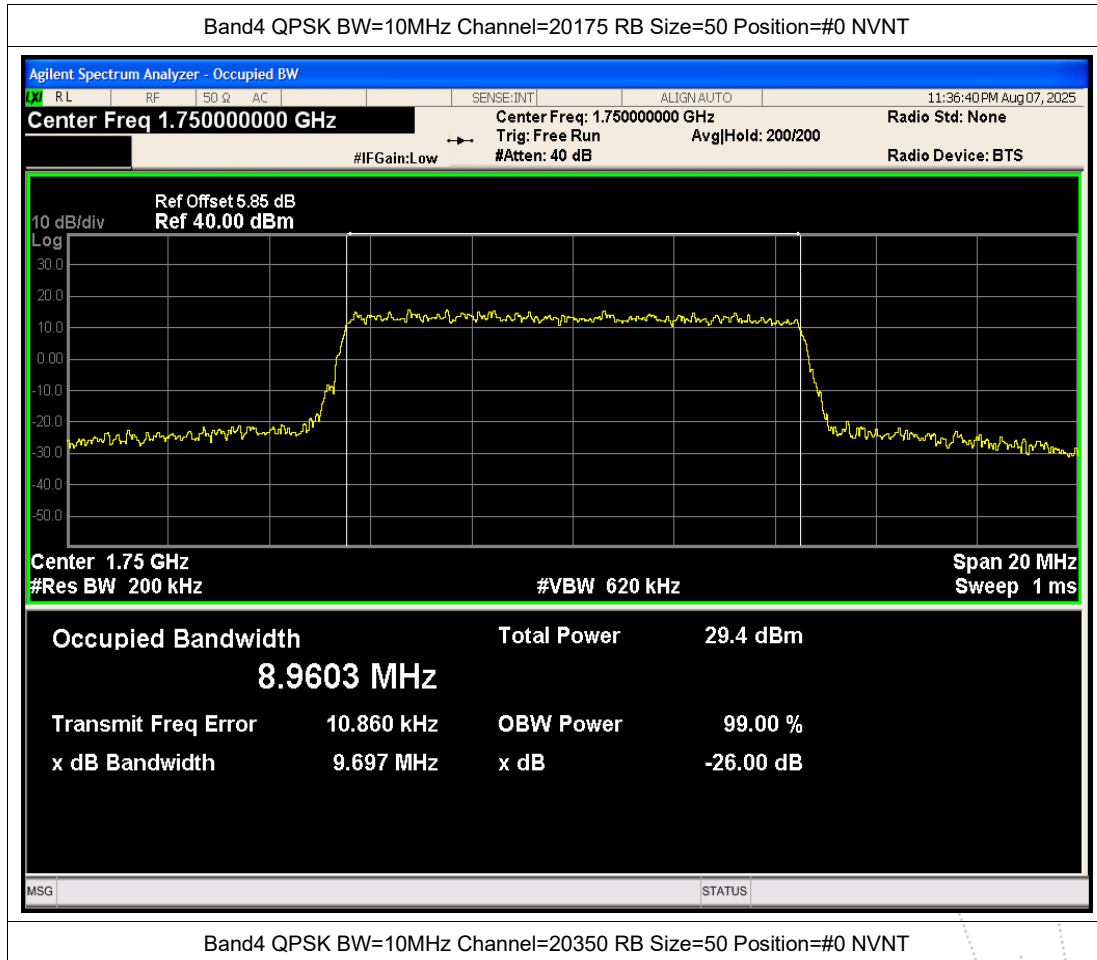




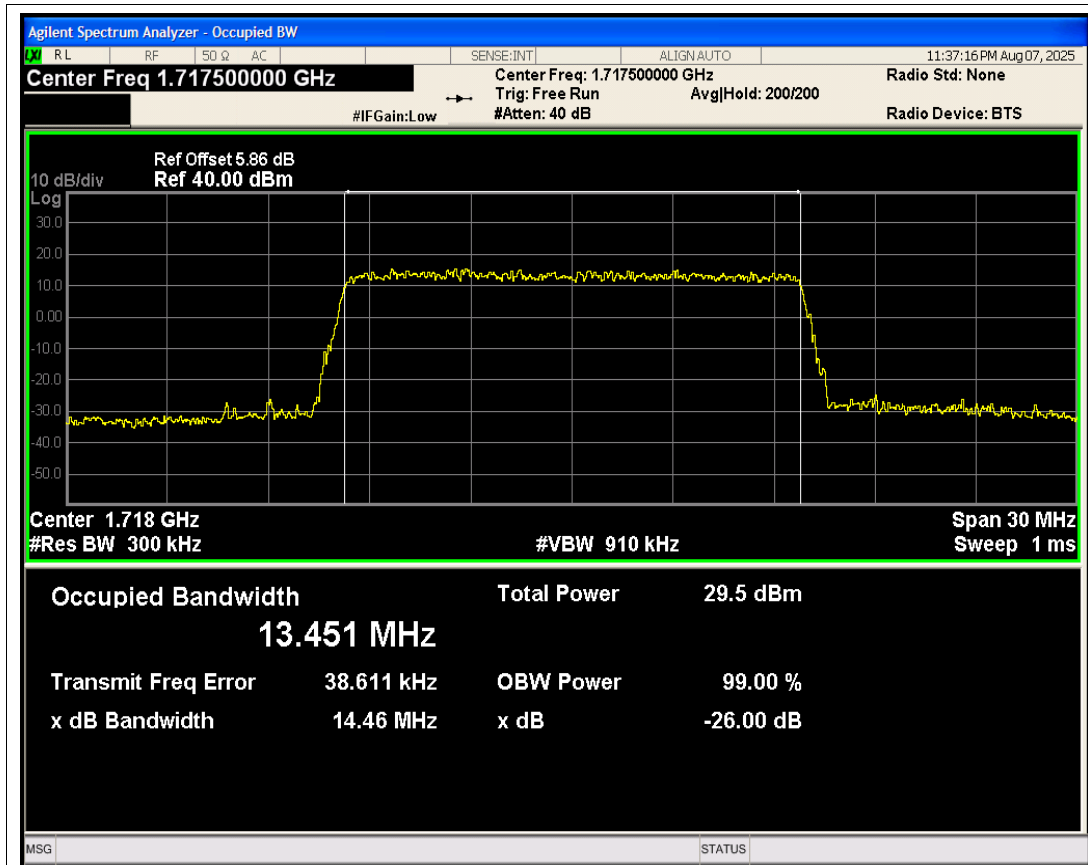


Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0 NVNT

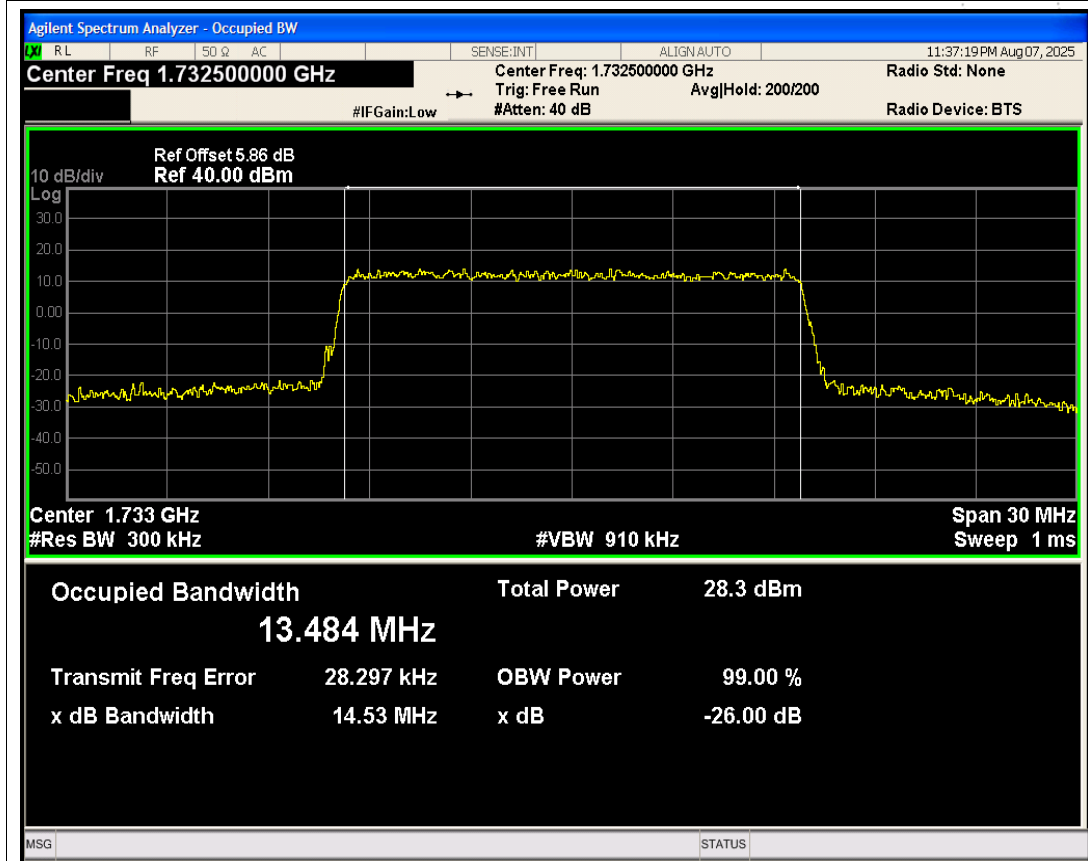


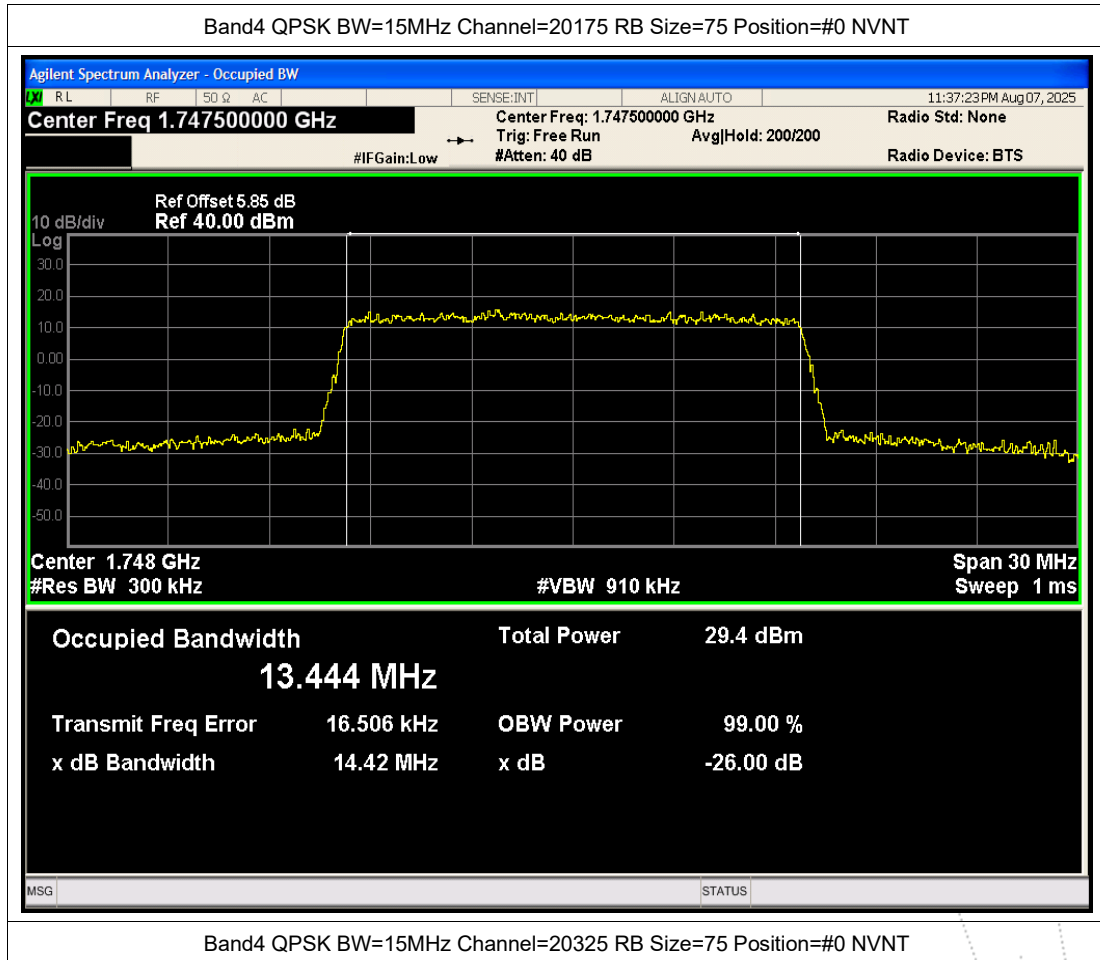


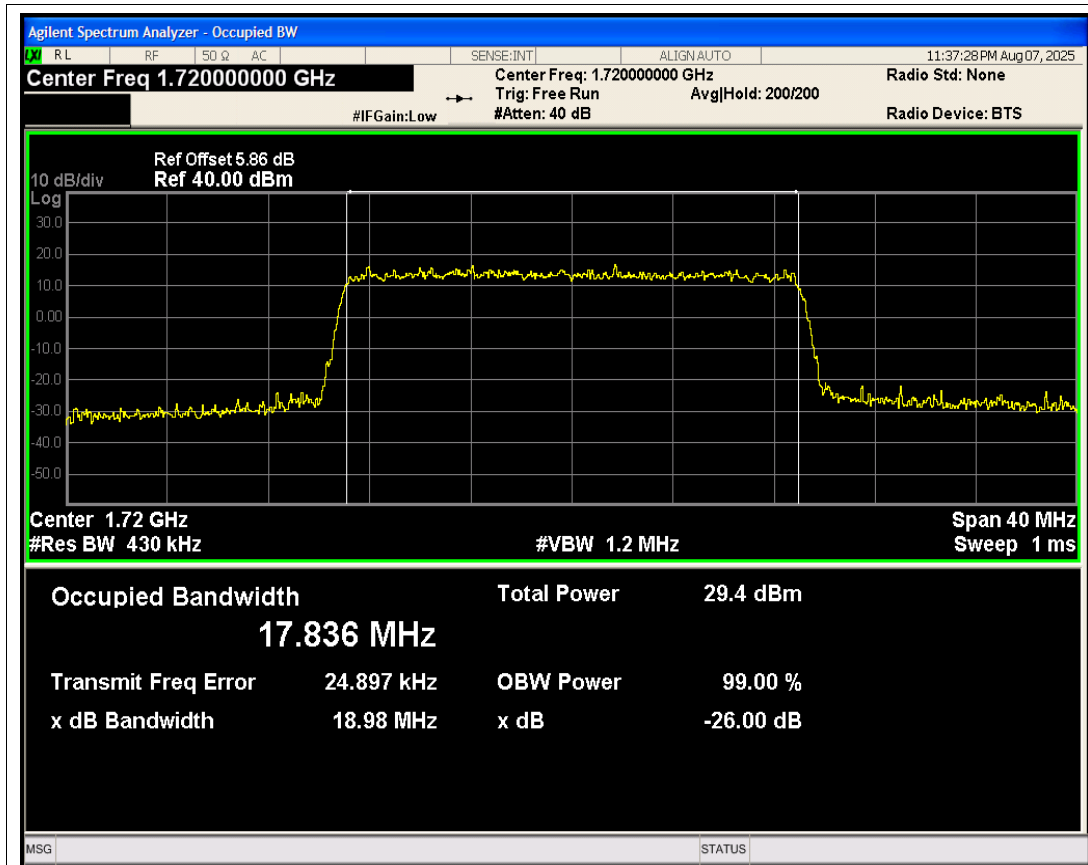
CO., LTD.



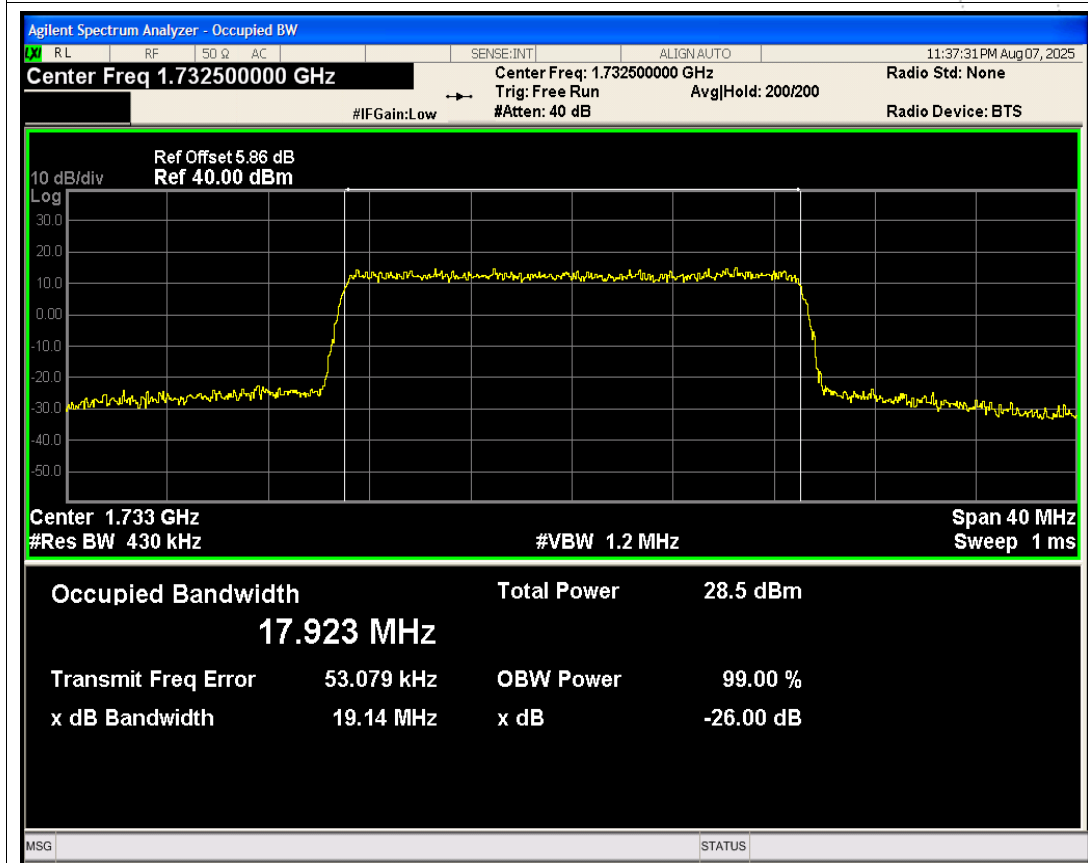
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0 NVNT

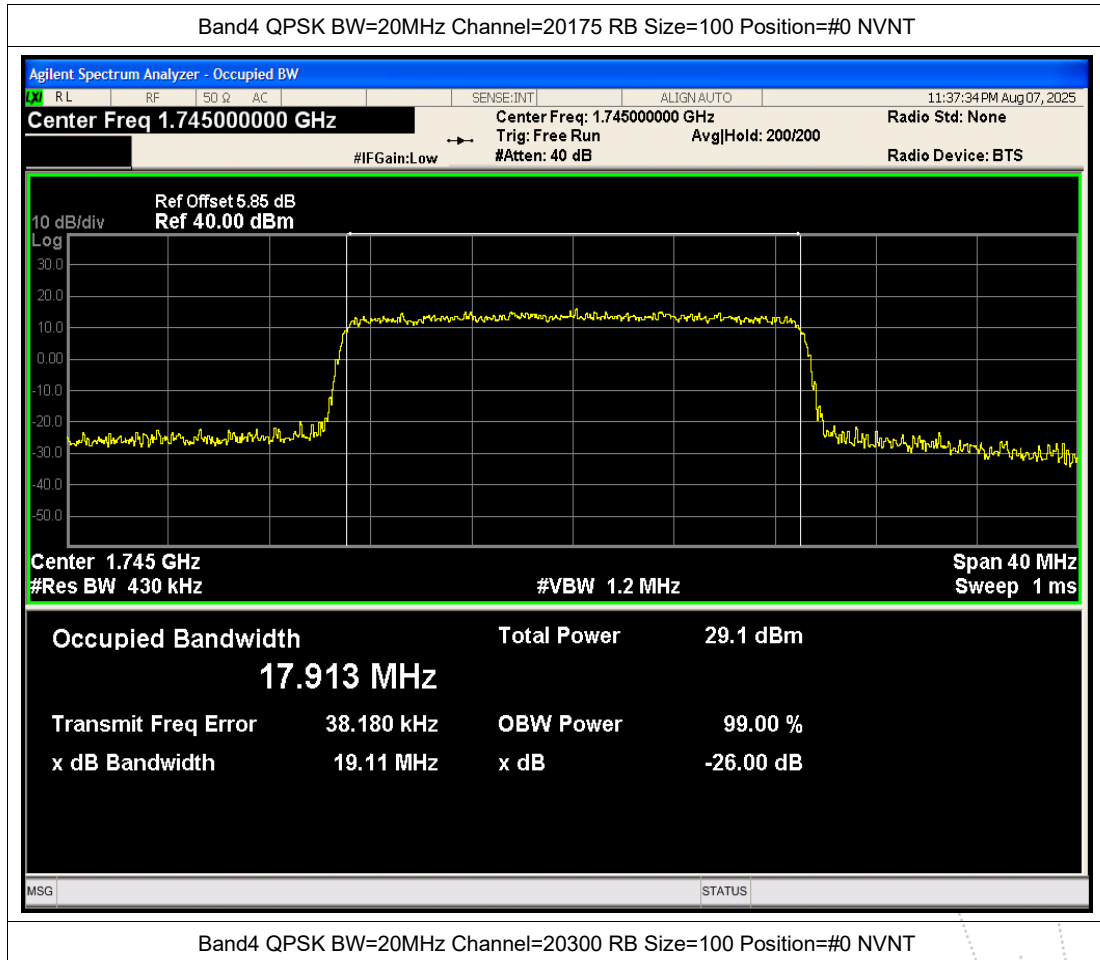






Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0 NVNT

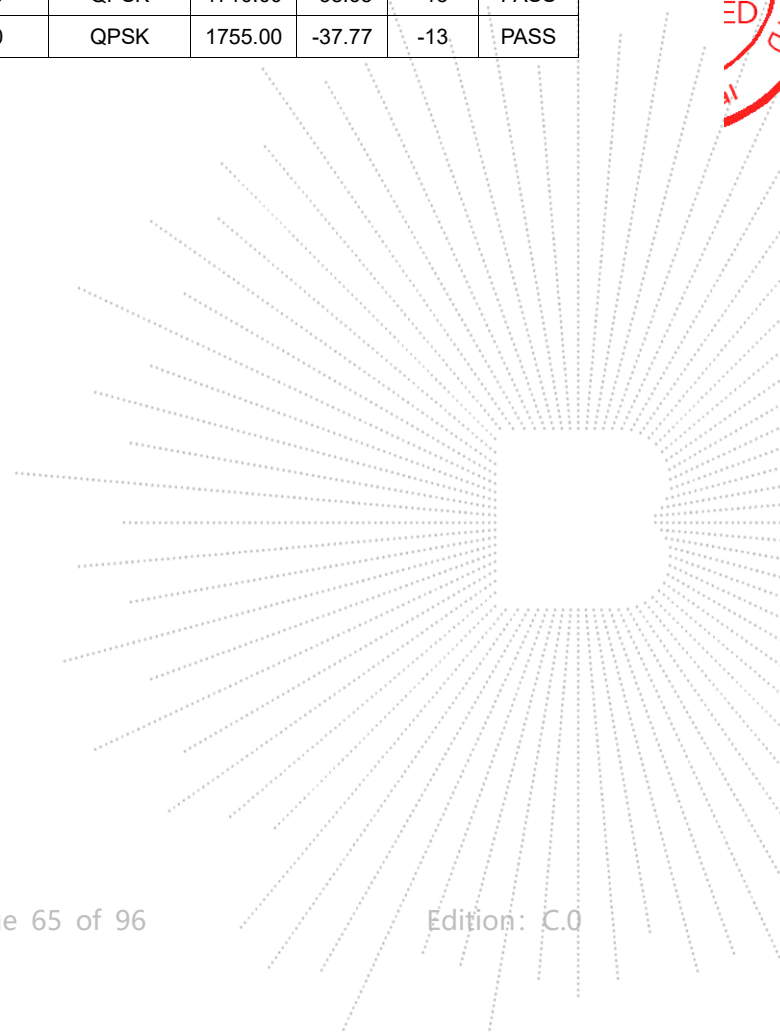


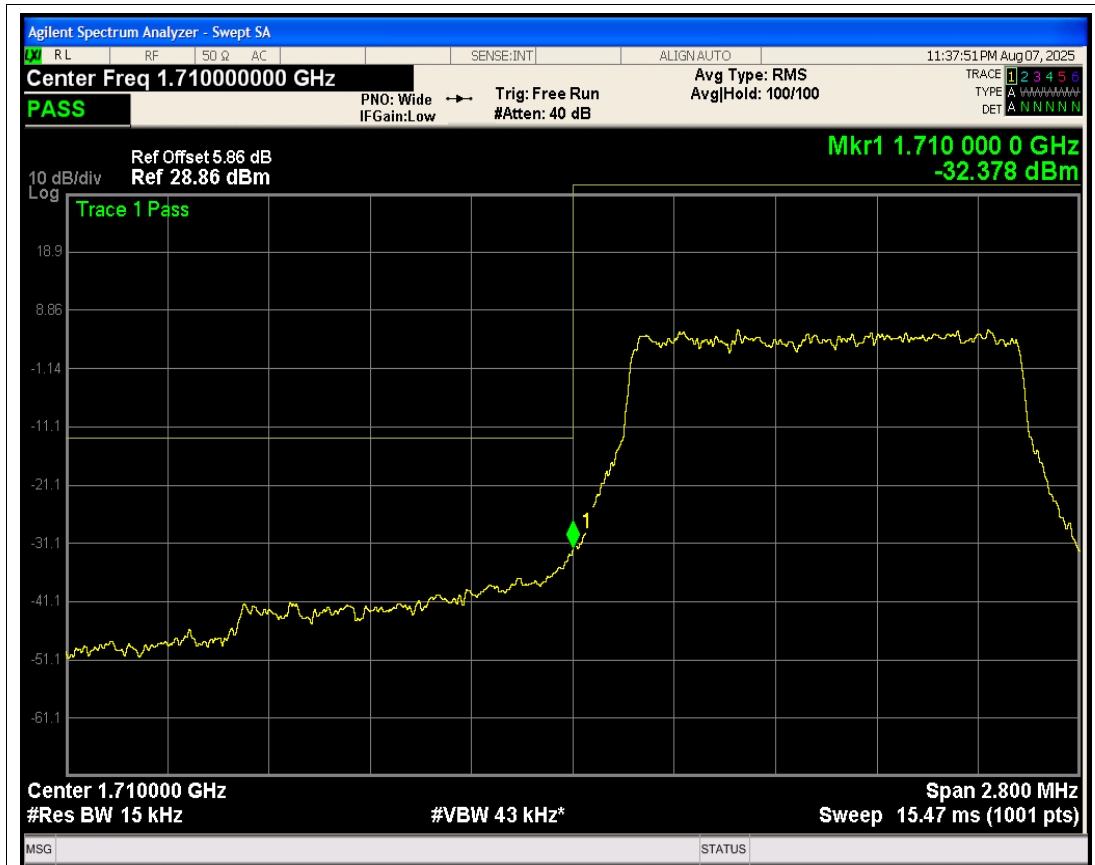


Appendix 5.Band edge

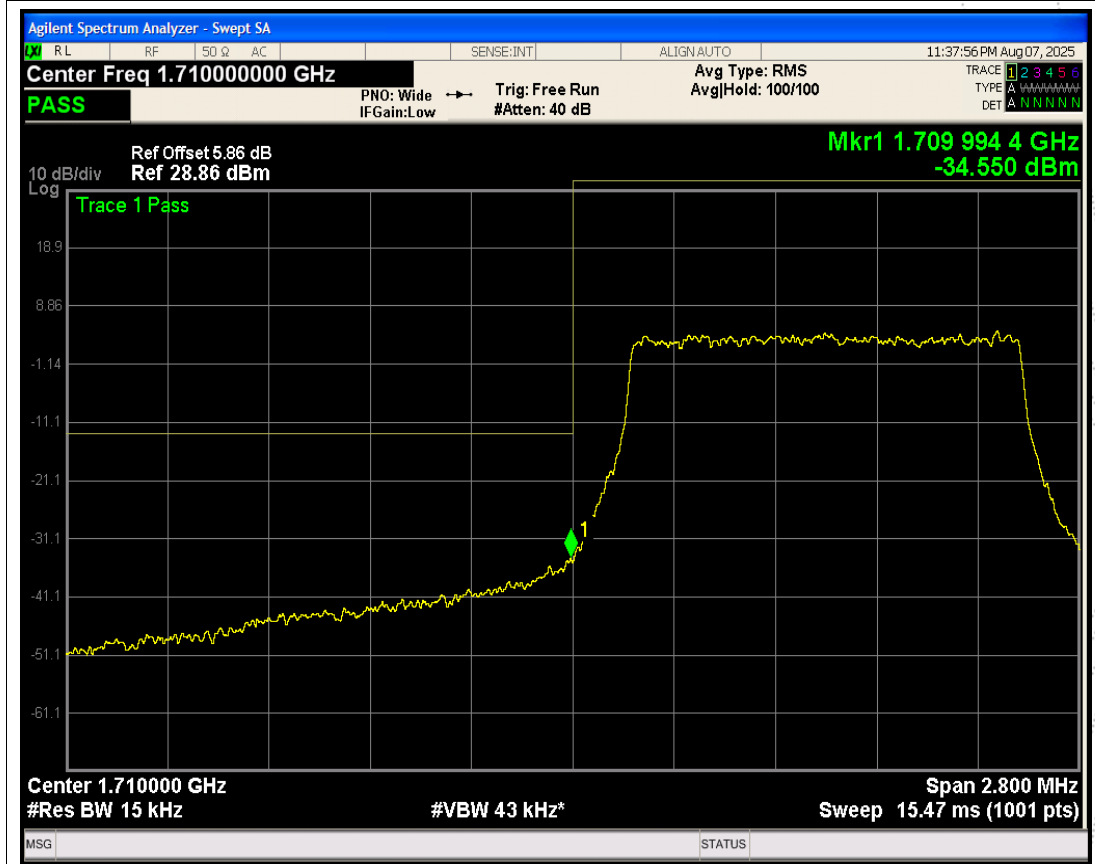
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	Band4	1.4	19957	6	#0	QPSK	1710.00	-32.37	-13	PASS
NVNT	Band4	1.4	19957	6	#0	16QAM	1709.99	-34.54	-13	PASS
NVNT	Band4	1.4	20393	6	#0	QPSK	1755.00	-30.02	-13	PASS
NVNT	Band4	1.4	20393	6	#0	16QAM	1755.00	-31.38	-13	PASS
NVNT	Band4	3	19965	15	#0	QPSK	1710.00	-33.66	-13	PASS
NVNT	Band4	3	19965	15	#0	16QAM	1710.00	-33.50	-13	PASS
NVNT	Band4	3	20385	15	#0	QPSK	1755.00	-31.09	-13	PASS
NVNT	Band4	3	20385	15	#0	16QAM	1755.00	-30.74	-13	PASS
NVNT	Band4	5	19975	25	#0	QPSK	1710.00	-31.44	-13	PASS
NVNT	Band4	5	19975	25	#0	16QAM	1709.98	-33.43	-13	PASS
NVNT	Band4	5	20375	25	#0	QPSK	1755.00	-31.24	-13	PASS
NVNT	Band4	5	20375	25	#0	16QAM	1755.00	-30.74	-13	PASS
NVNT	Band4	10	20000	50	#0	QPSK	1709.96	-39.19	-13	PASS
NVNT	Band4	10	20350	50	#0	QPSK	1755.00	-33.92	-13	PASS
NVNT	Band4	15	20025	75	#0	QPSK	1710.00	-40.19	-13	PASS
NVNT	Band4	15	20325	75	#0	QPSK	1755.33	-34.78	-13	PASS
NVNT	Band4	20	20050	100	#0	QPSK	1710.00	-38.65	-13	PASS
NVNT	Band4	20	20300	100	#0	QPSK	1755.00	-37.77	-13	PASS

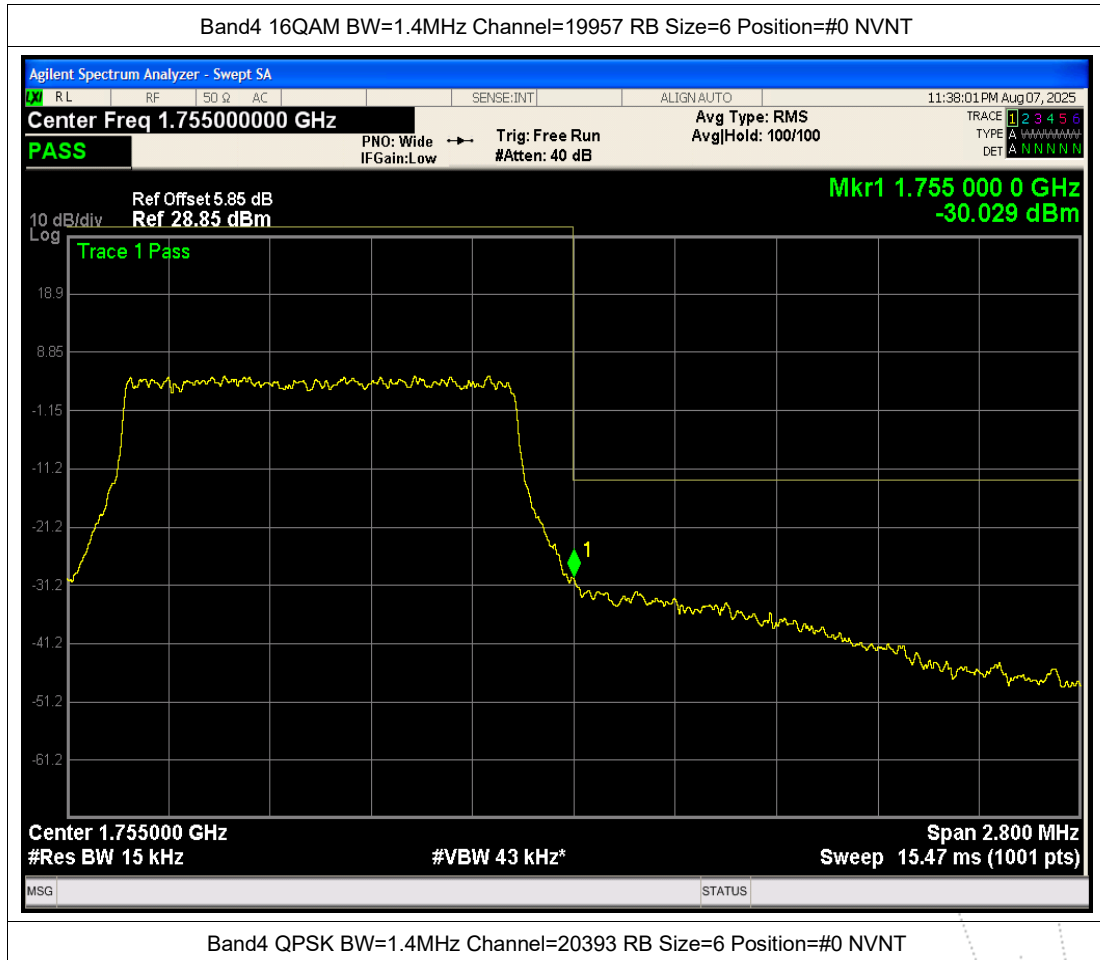
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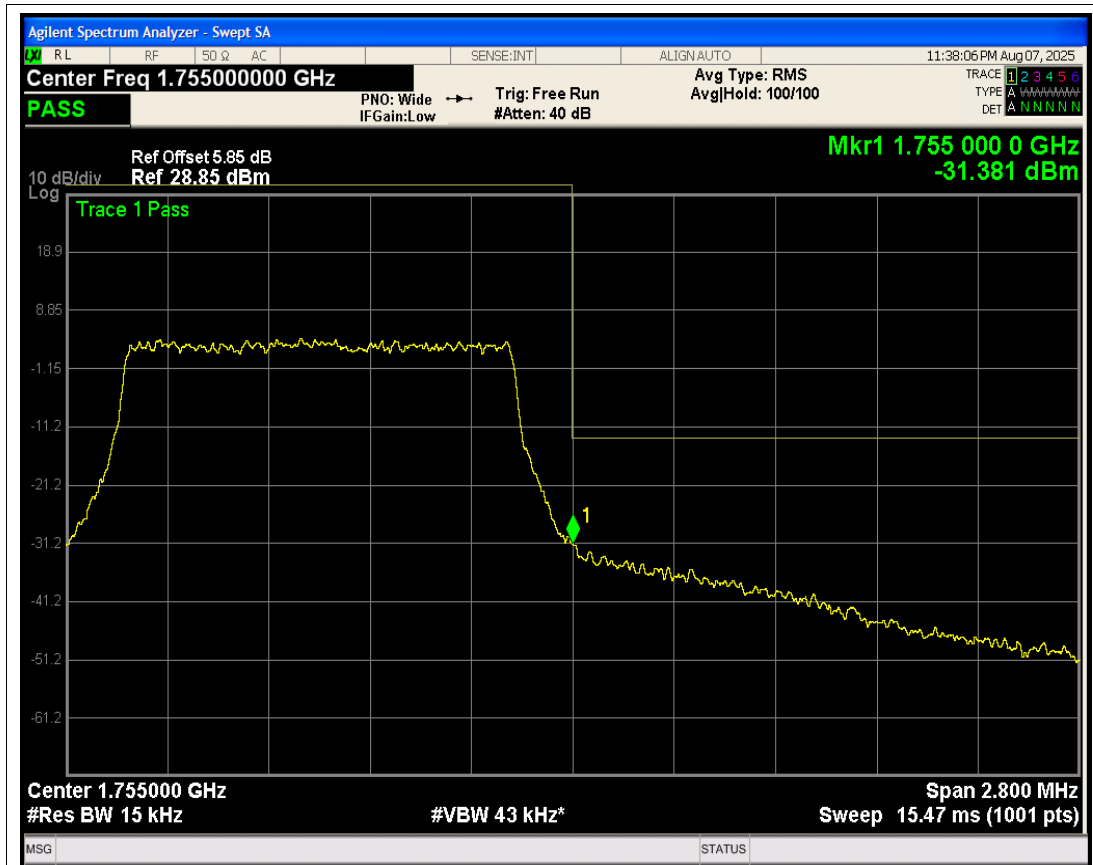




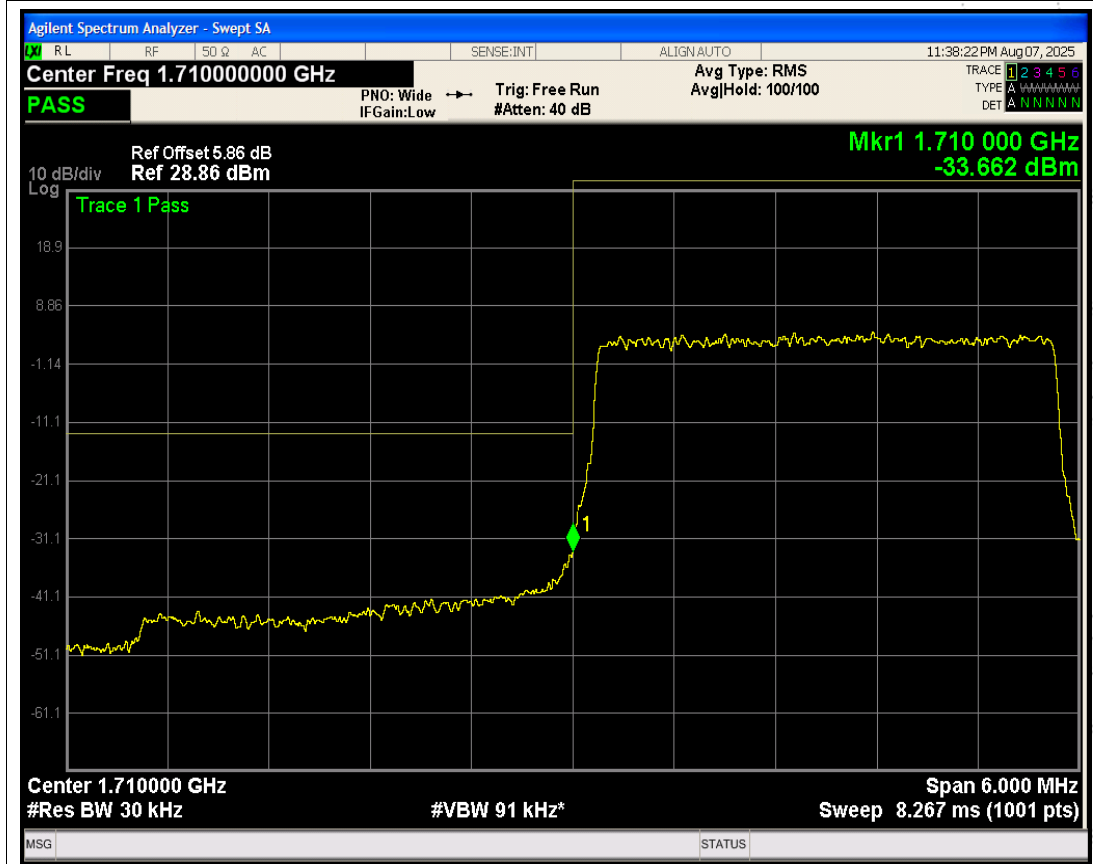
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0 NVNT

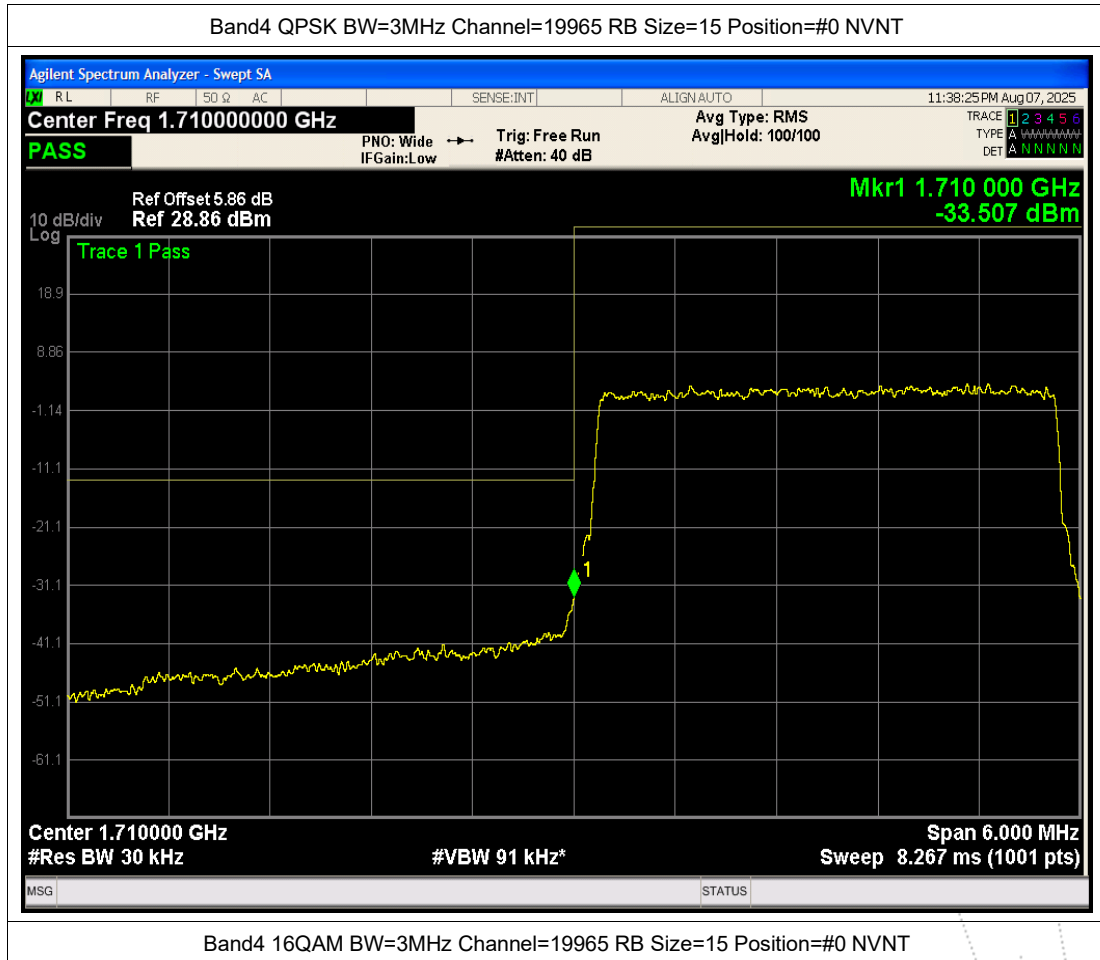


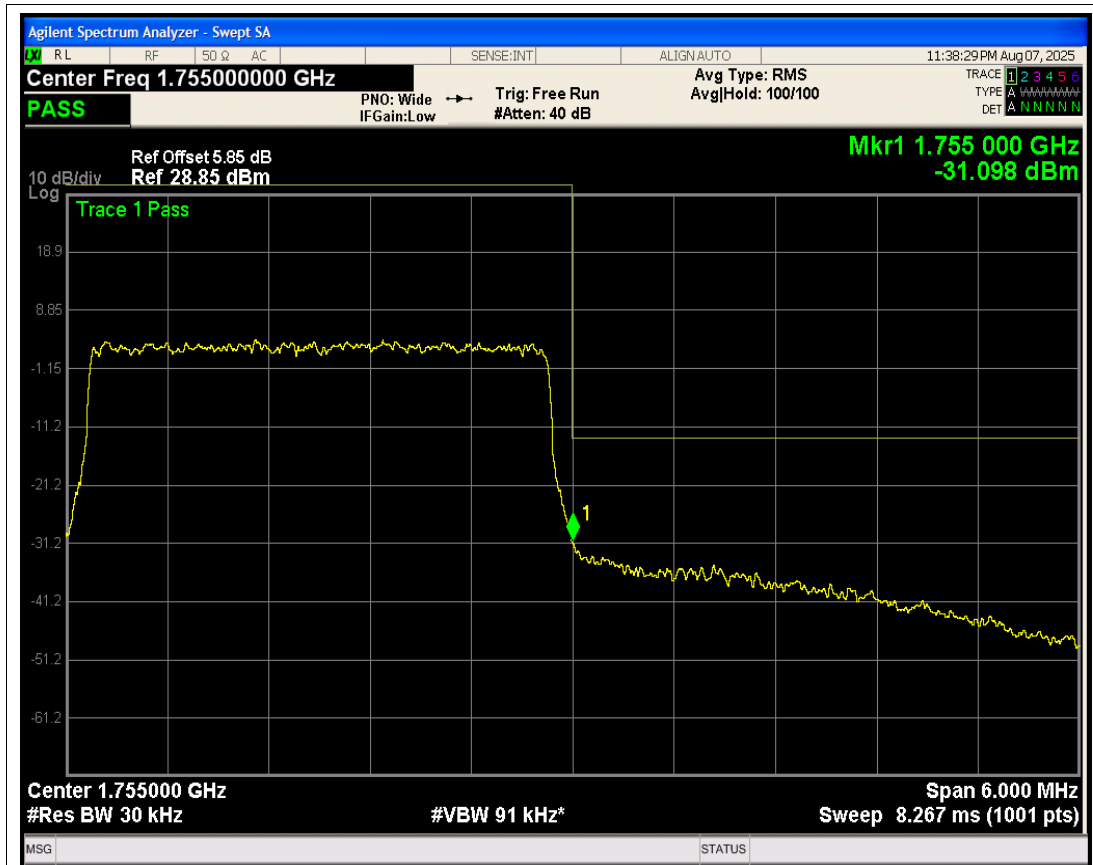




Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0 NVNT

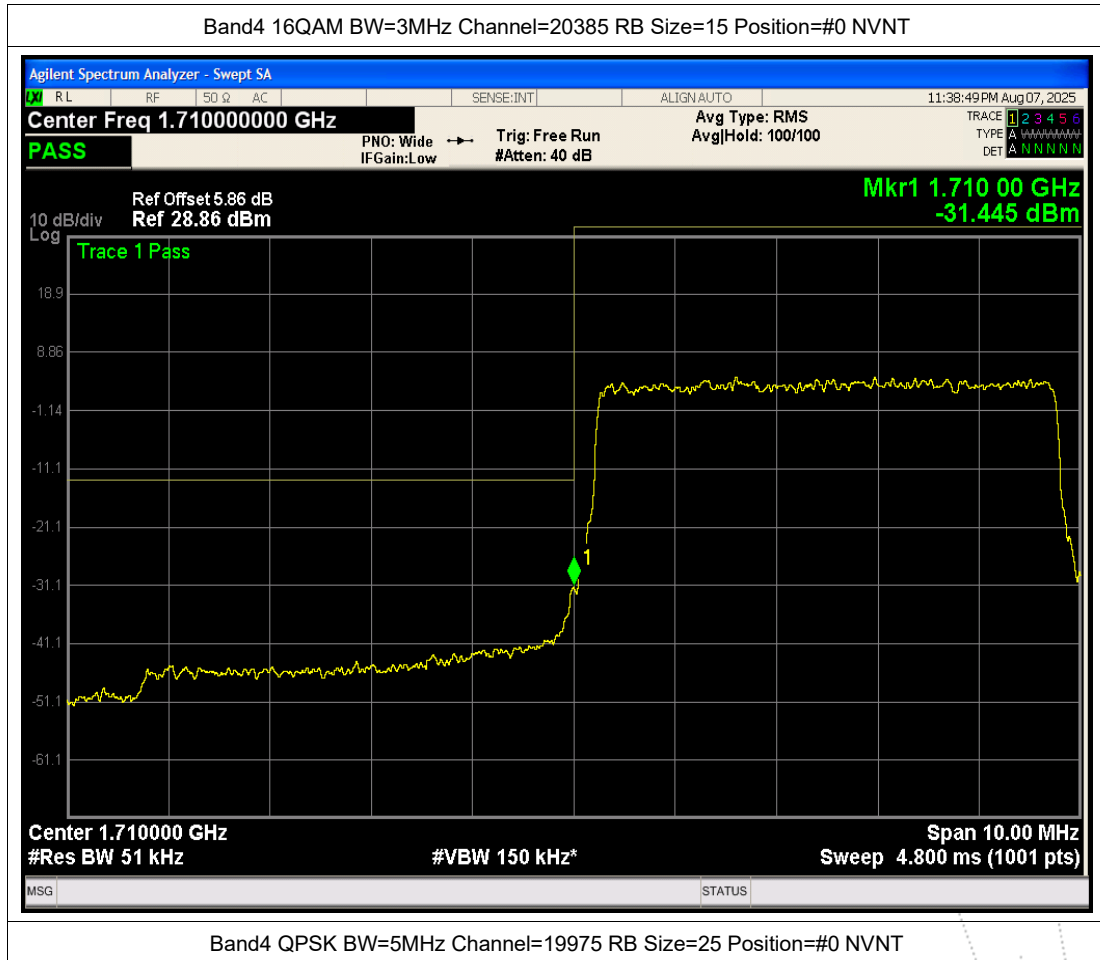


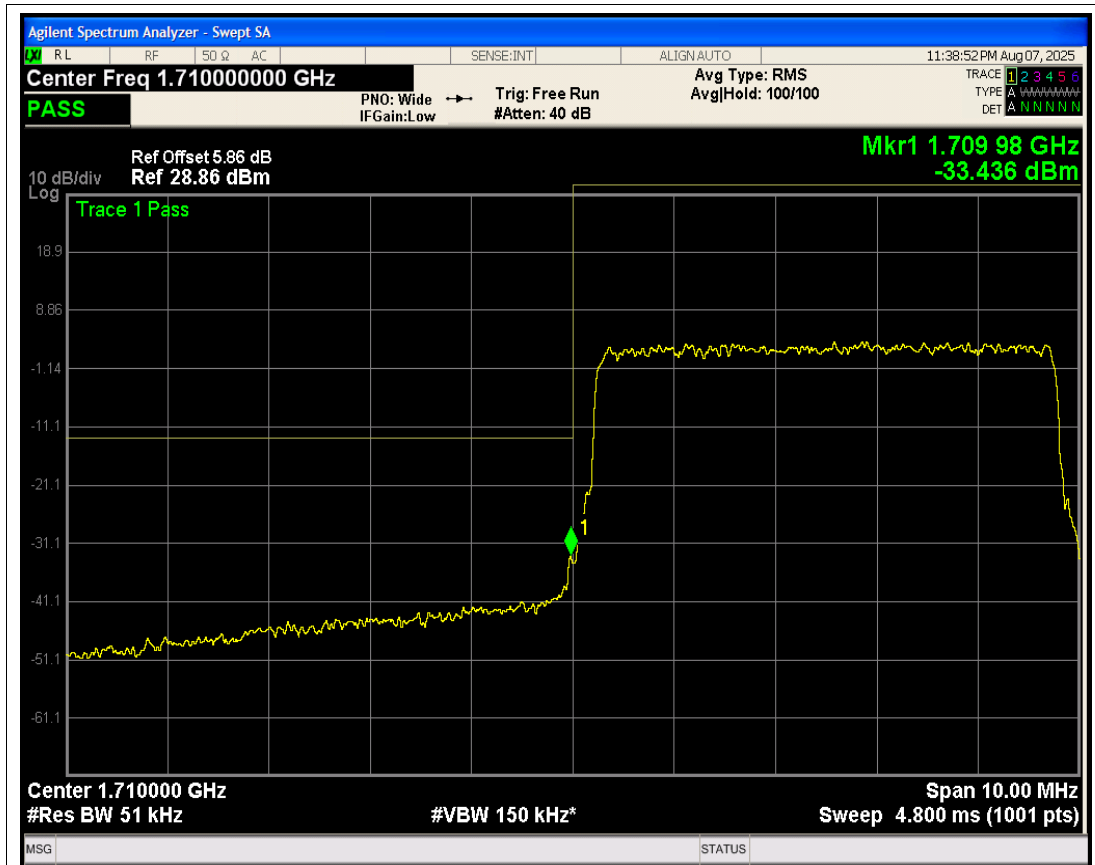




Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0 NVNT



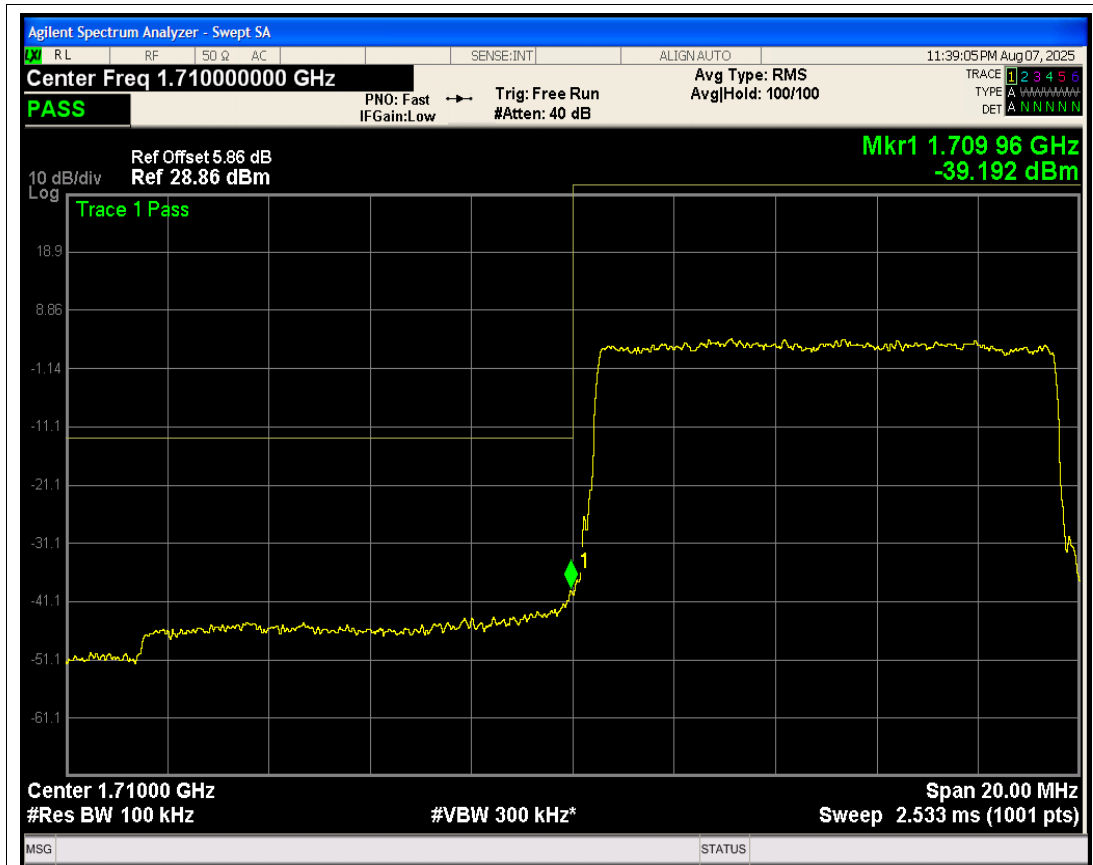




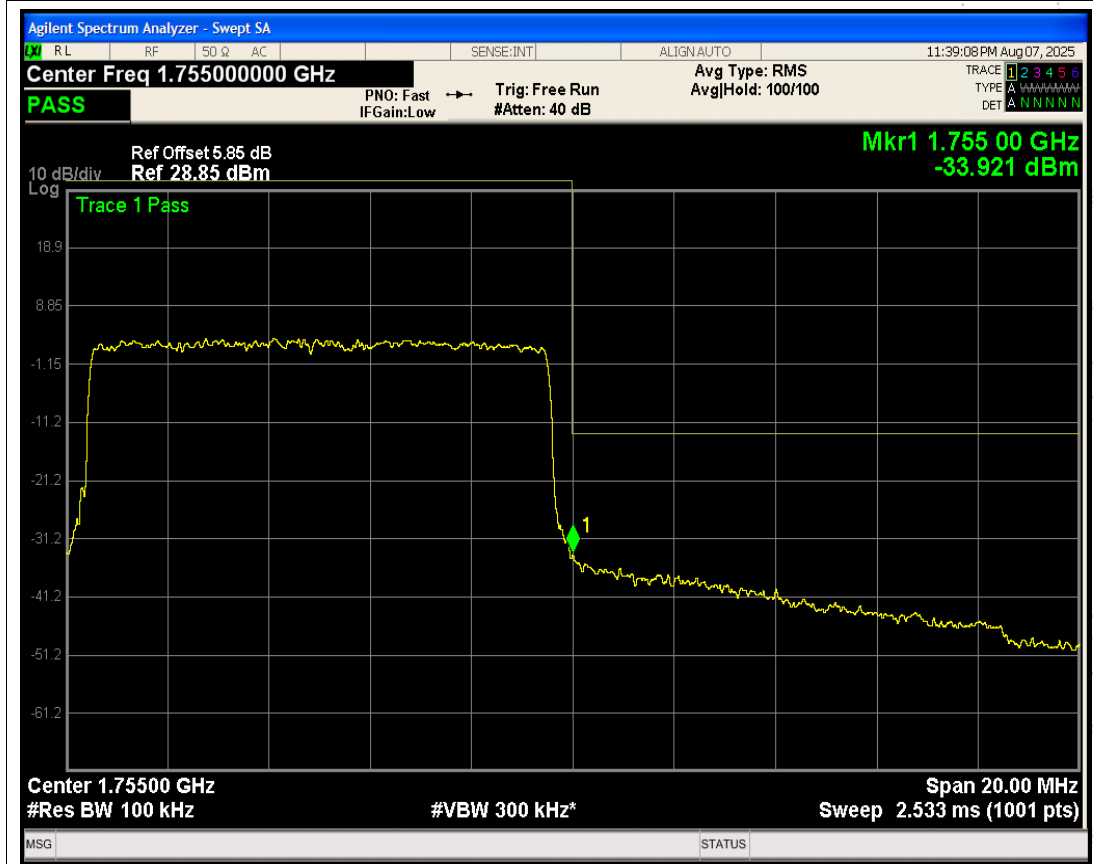
Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0 NVNT

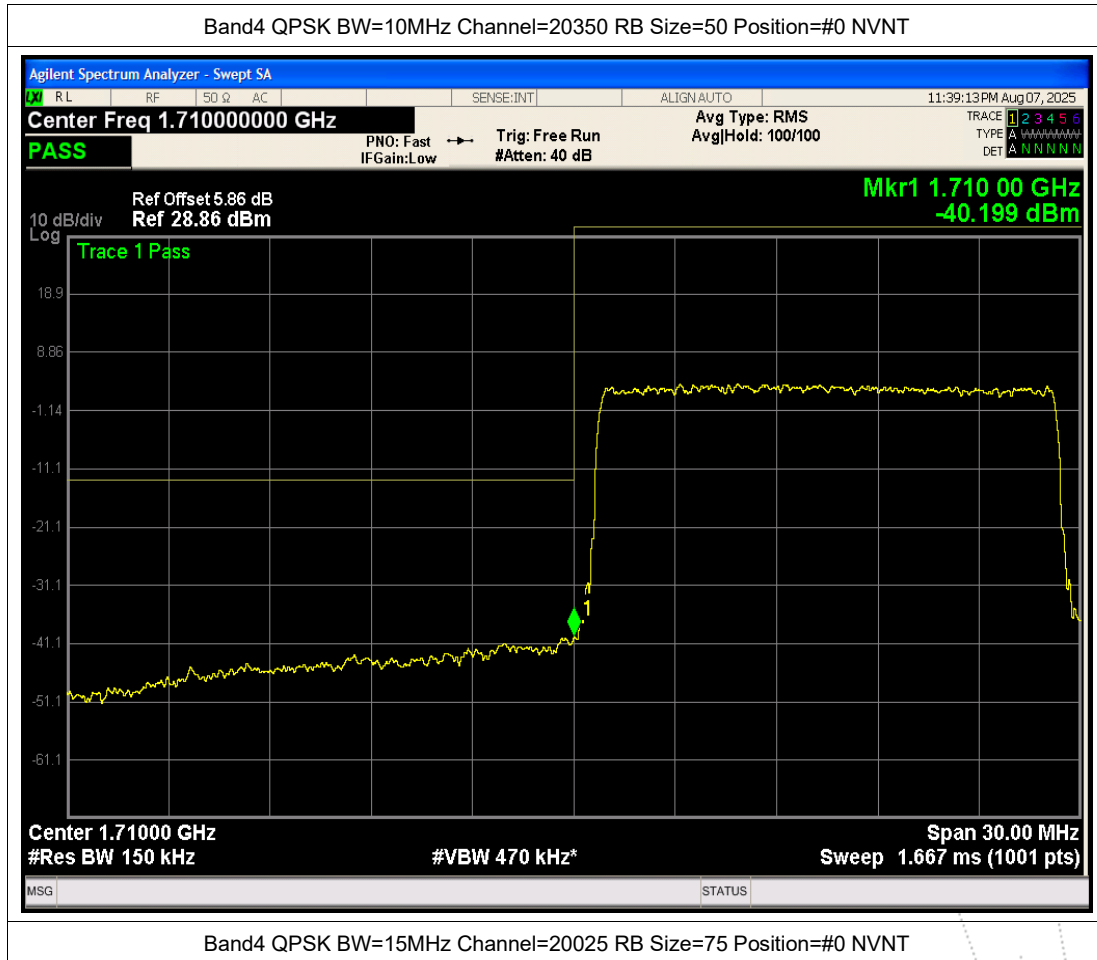


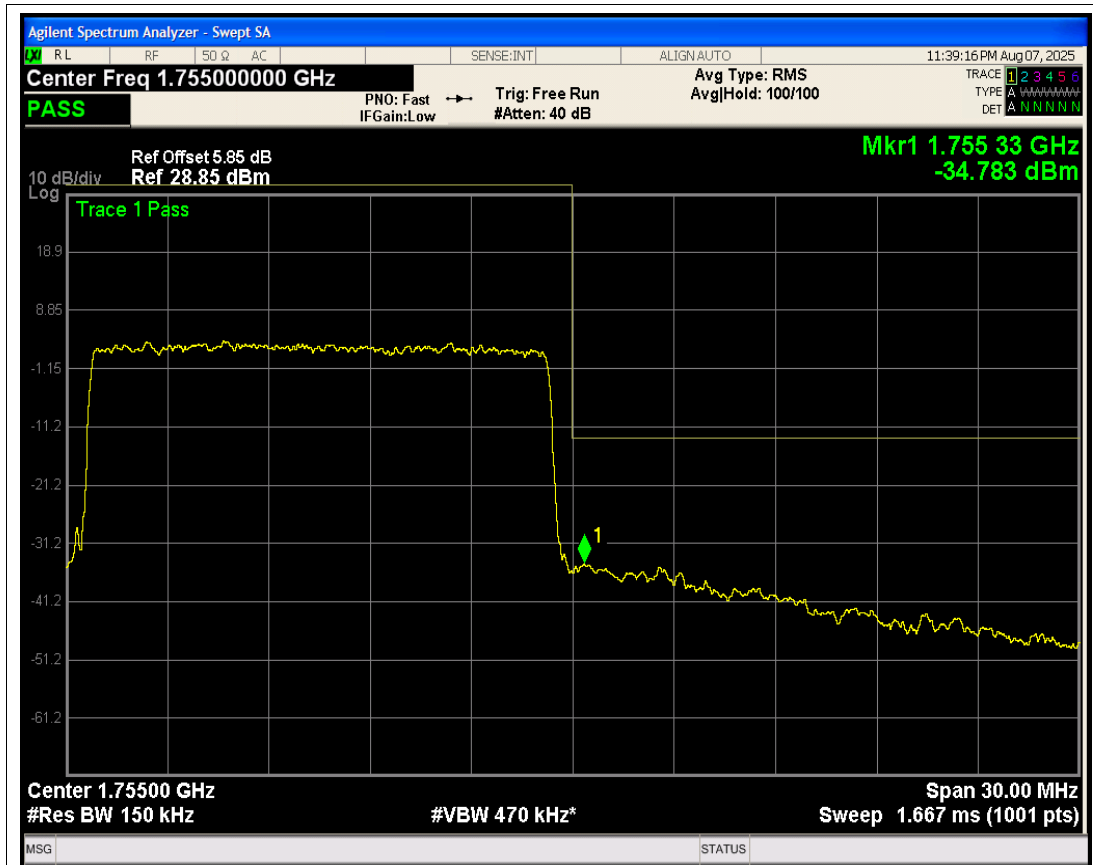




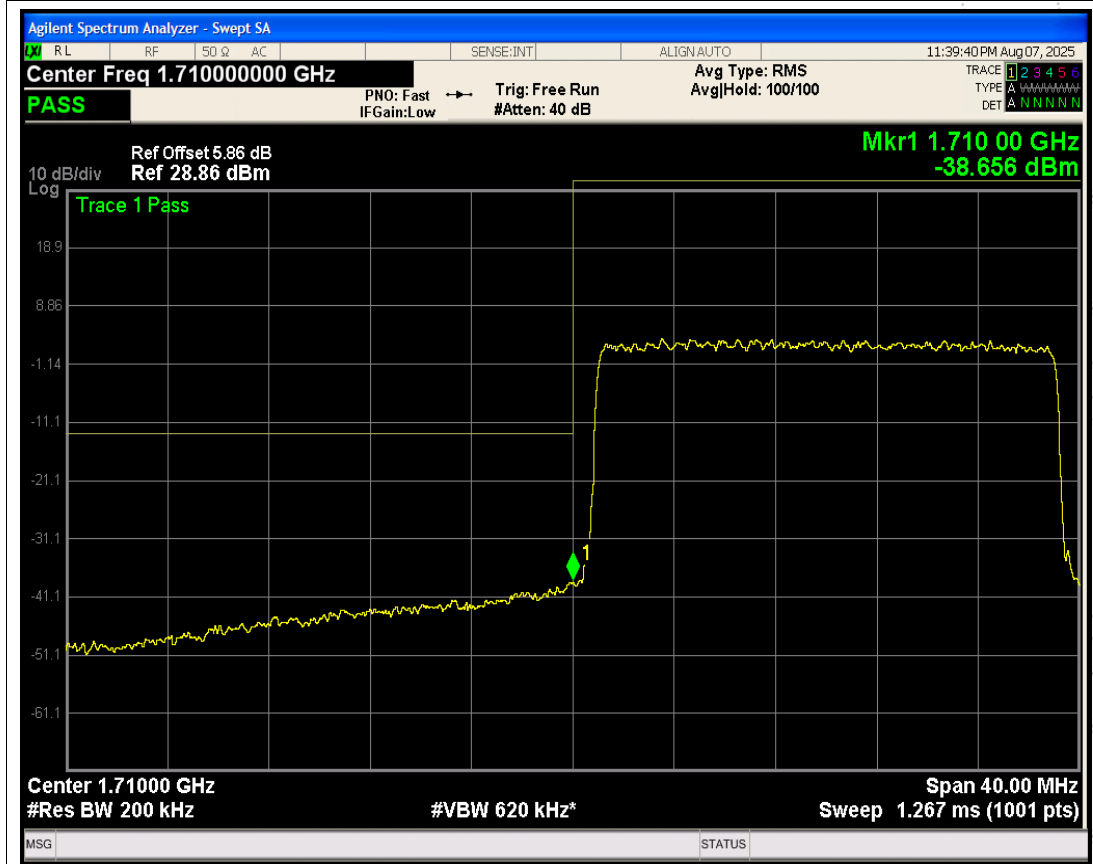
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0 NVNT







Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0 NVNT

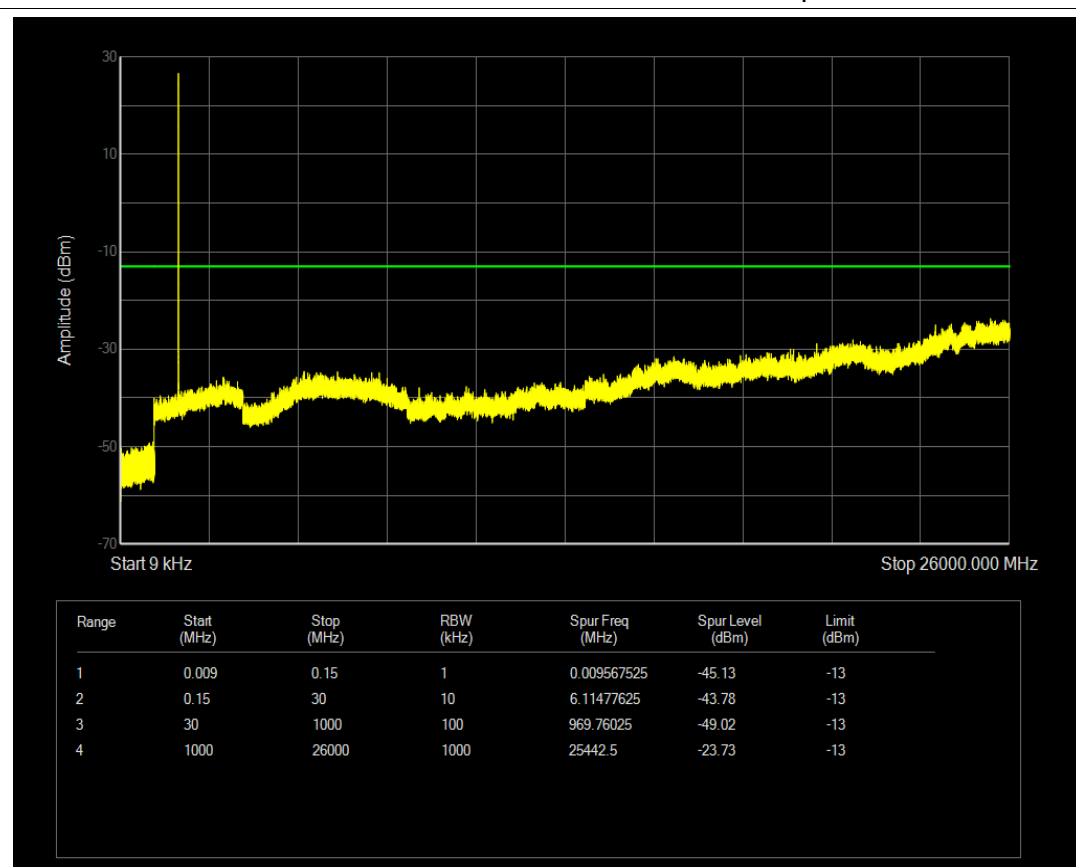




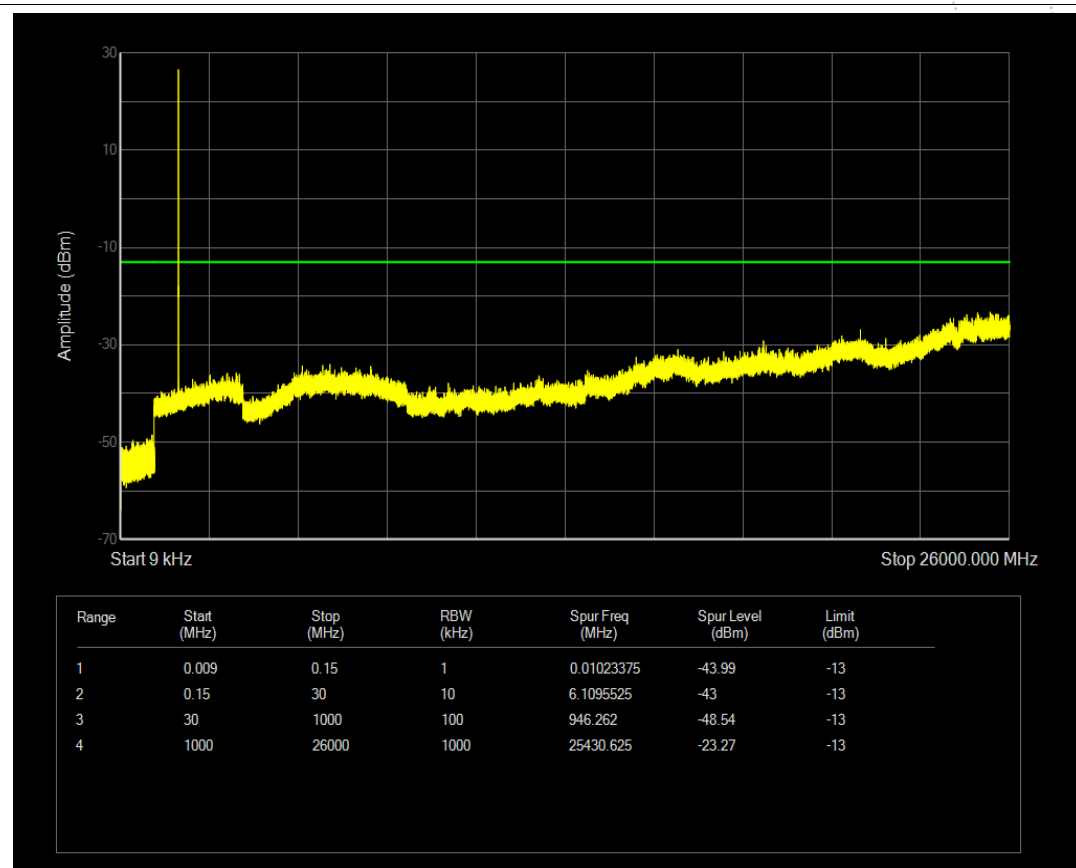
Appendix 6.Out-of-band emissions

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	Band4	1.4	19957	6	#0	QPSK	25442.50	-23.73	-13	PASS
NVNT	Band4	1.4	19957	6	#0	16QAM	25430.63	-23.27	-13	PASS
NVNT	Band4	1.4	20175	6	#0	QPSK	25658.13	-23.08	-13	PASS
NVNT	Band4	1.4	20175	6	#0	16QAM	5762.50	-22.81	-13	PASS
NVNT	Band4	1.4	20393	6	#0	QPSK	25788.75	-23.24	-13	PASS
NVNT	Band4	1.4	20393	6	#0	16QAM	25470.00	-23.65	-13	PASS
NVNT	Band4	3	19965	15	#0	QPSK	25993.75	-22.54	-13	PASS
NVNT	Band4	3	19965	15	#0	16QAM	25081.88	-23.59	-13	PASS
NVNT	Band4	3	20175	15	#0	QPSK	25076.88	-23.79	-13	PASS
NVNT	Band4	3	20175	15	#0	16QAM	25996.88	-23.46	-13	PASS
NVNT	Band4	3	20385	15	#0	QPSK	24734.38	-23.68	-13	PASS
NVNT	Band4	3	20385	15	#0	16QAM	25795.63	-23.73	-13	PASS
NVNT	Band4	5	19975	25	#0	QPSK	25301.25	-23.85	-13	PASS
NVNT	Band4	5	19975	25	#0	16QAM	25111.88	-23.66	-13	PASS
NVNT	Band4	5	20175	25	#0	QPSK	24705.63	-23.05	-13	PASS
NVNT	Band4	5	20175	25	#0	16QAM	25641.88	-23.27	-13	PASS
NVNT	Band4	5	20375	25	#0	QPSK	25922.50	-23.46	-13	PASS
NVNT	Band4	5	20375	25	#0	16QAM	25957.50	-23.36	-13	PASS
NVNT	Band4	10	20000	50	#0	QPSK	25105.63	-23.42	-13	PASS
NVNT	Band4	10	20175	50	#0	QPSK	25874.38	-23.28	-13	PASS
NVNT	Band4	10	20350	50	#0	QPSK	25975.63	-23.33	-13	PASS
NVNT	Band4	15	20025	75	#0	QPSK	25285.63	-23.70	-13	PASS
NVNT	Band4	15	20175	75	#0	QPSK	25565.63	-23.50	-13	PASS
NVNT	Band4	15	20325	75	#0	QPSK	24688.75	-23.54	-13	PASS
NVNT	Band4	20	20050	100	#0	QPSK	25116.88	-23.23	-13	PASS
NVNT	Band4	20	20175	100	#0	QPSK	25980.00	-23.64	-13	PASS
NVNT	Band4	20	20300	100	#0	QPSK	25820.63	-22.73	-13	PASS

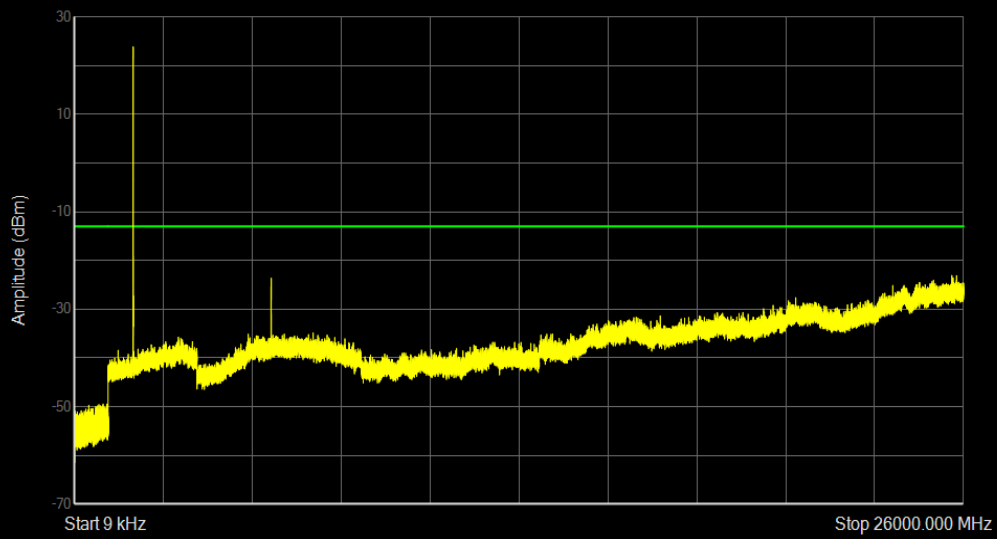
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Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0 NVNT

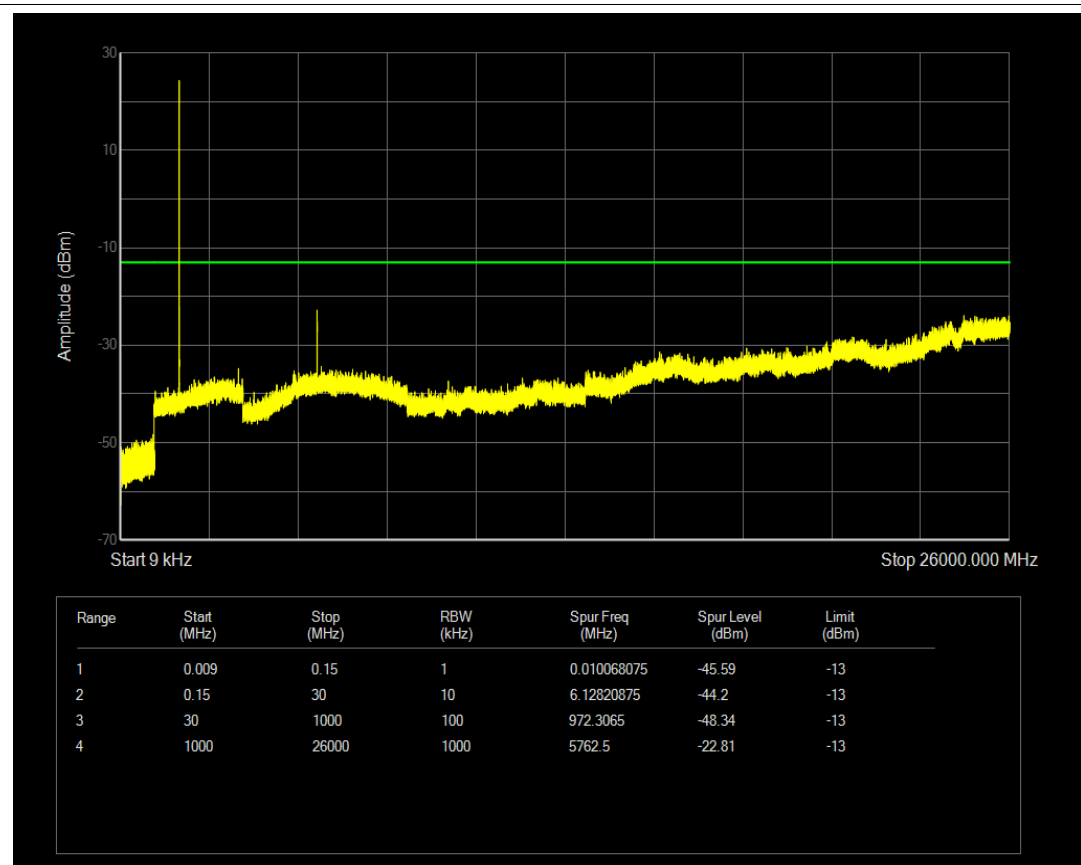


Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0 NVNT

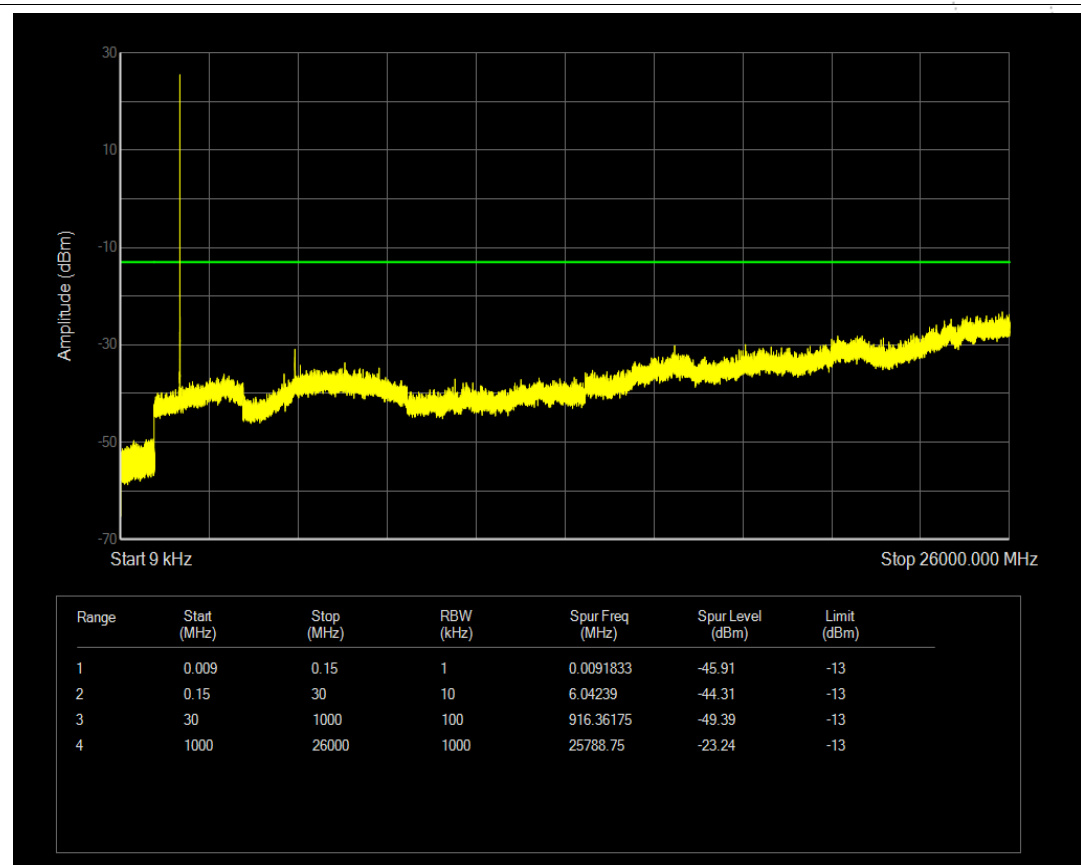


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.117143475	-45.73	-13
2	0.15	30	10	6.6289425	-44.89	-13
3	30	1000	100	855.00925	-49.47	-13
4	1000	26000	1000	25658.125	-23.08	-13

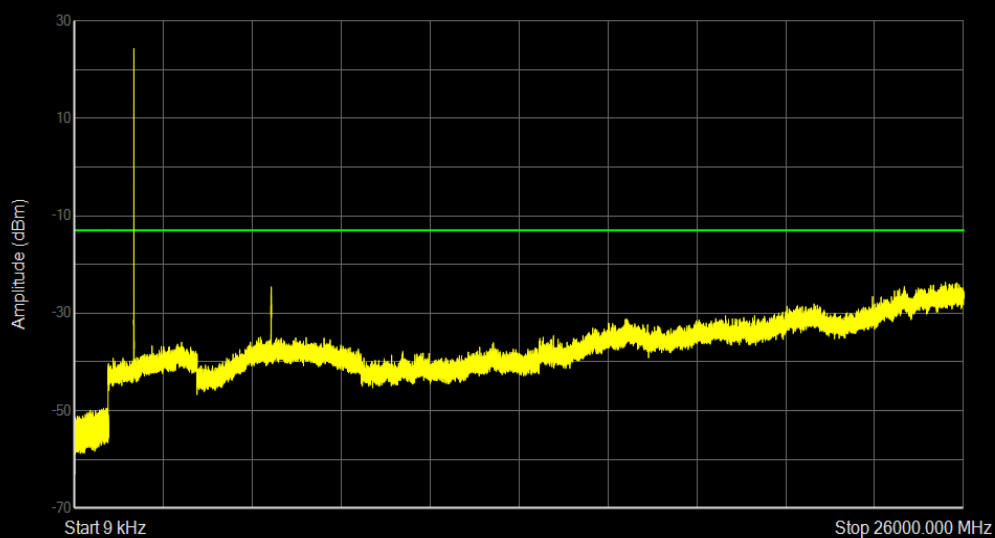
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0 NVNT



Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6 Position=#0 NVNT

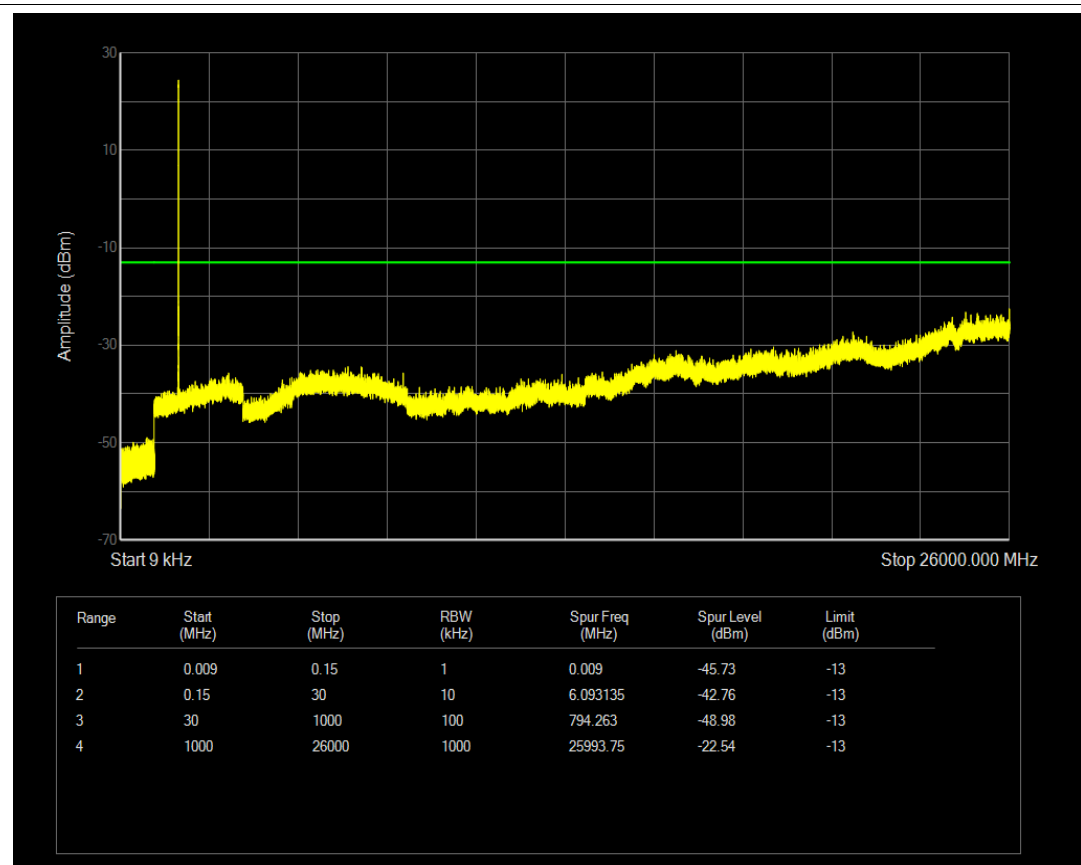


Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0 NVNT

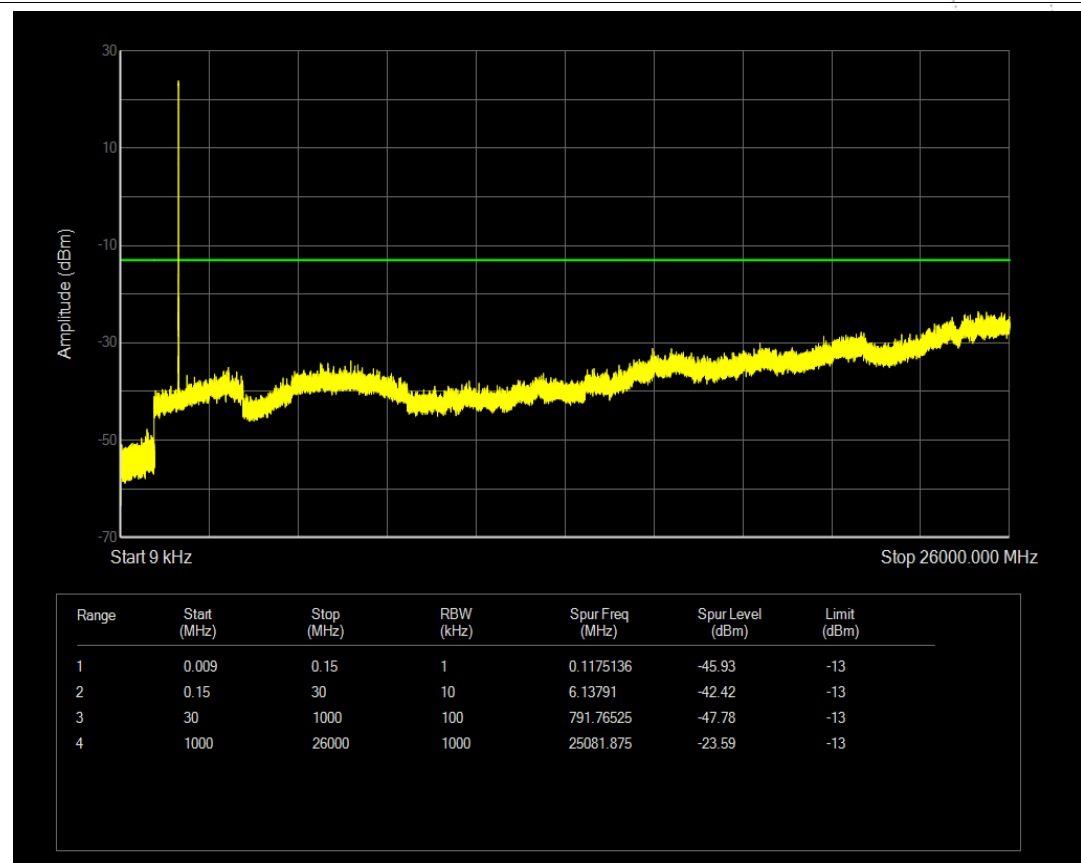


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.114337575	-46.28	-13
2	0.15	30	10	6.12522375	-44.76	-13
3	30	1000	100	951.28175	-49.51	-13
4	1000	26000	1000	25470	-23.65	-13

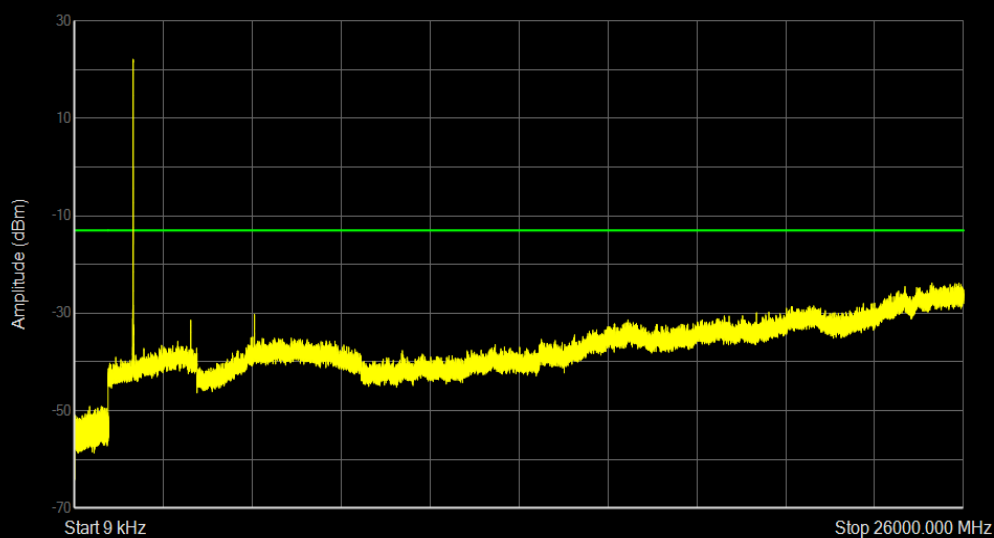
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0 NVNT



Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0 NVNT



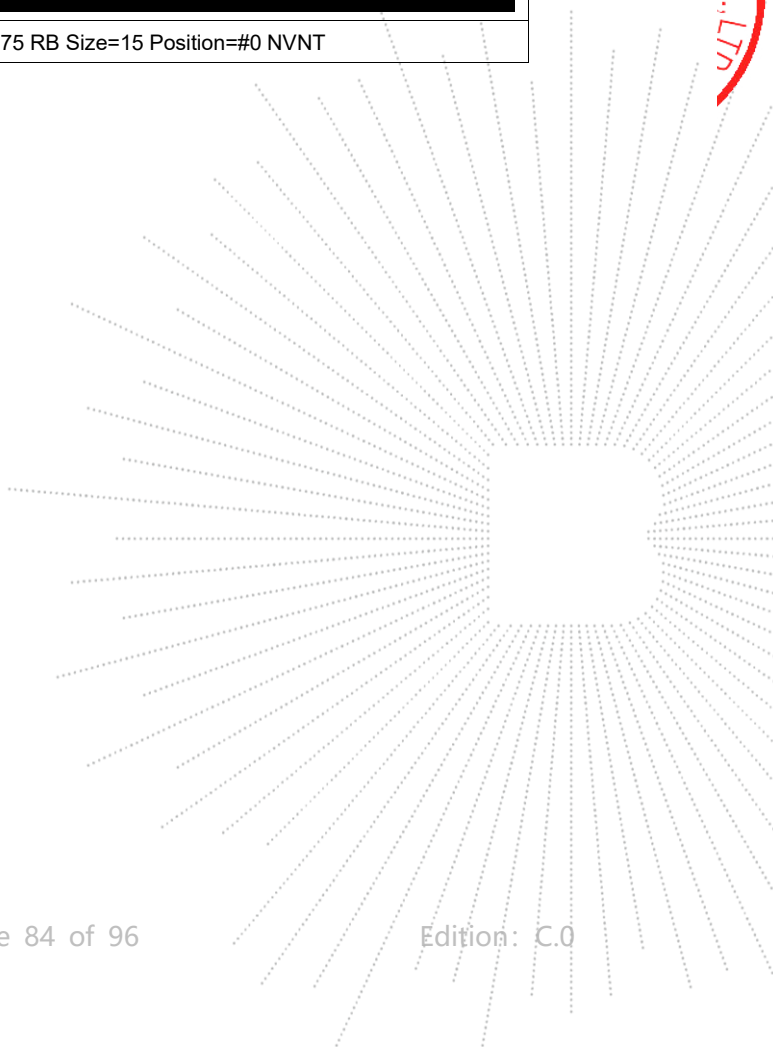
Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0 NVNT

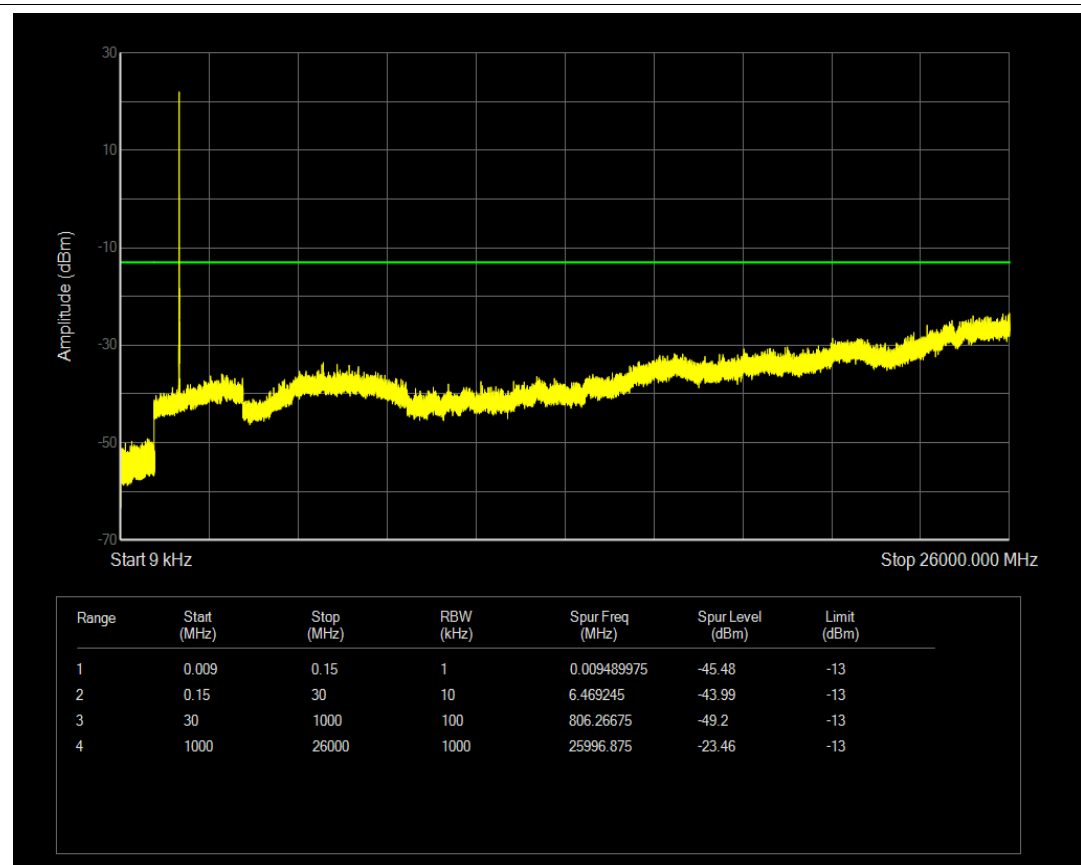


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009109275	-44.84	-13
2	0.15	30	10	6.7065525	-43.61	-13
3	30	1000	100	802.605	-49.13	-13
4	1000	26000	1000	25076.875	-23.79	-13

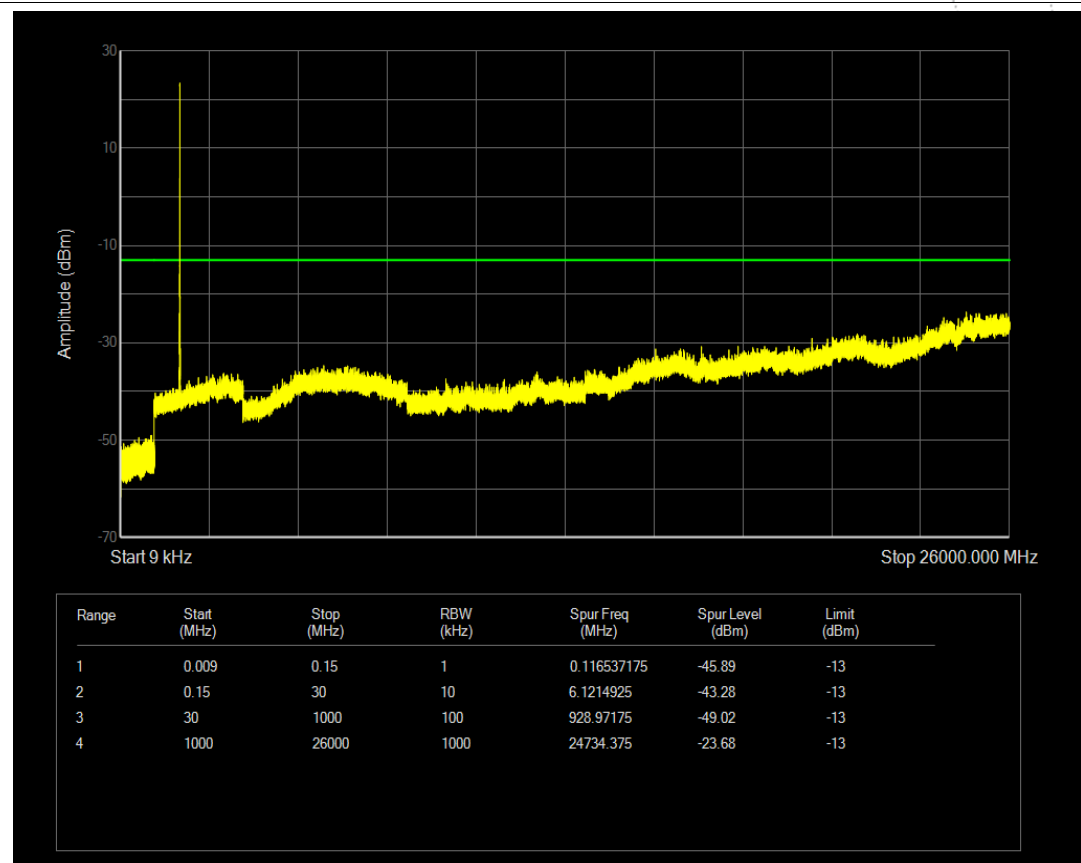
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0 NVNT

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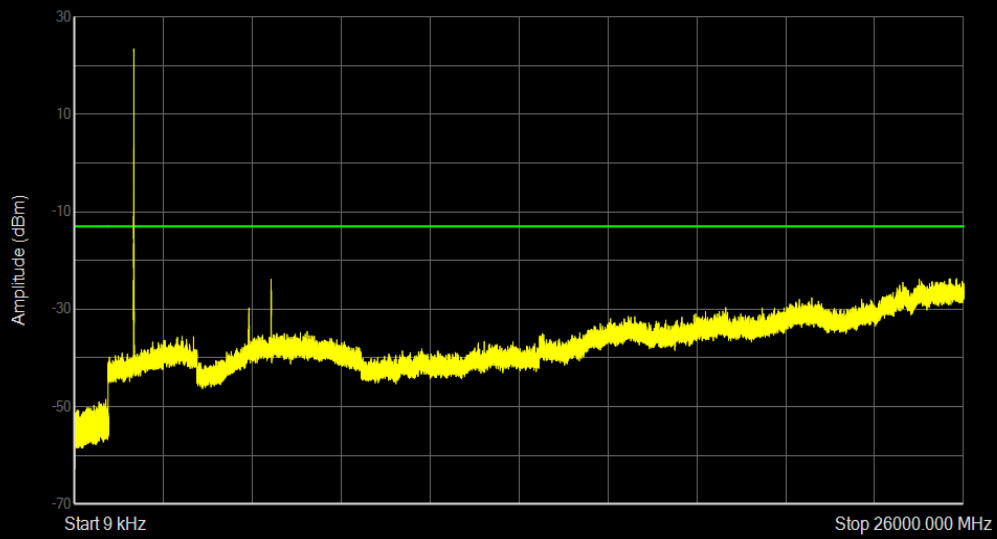




Band4 16QAM BW=3MHz Channel=20175 RB Size=15 Position=#0 NVNT

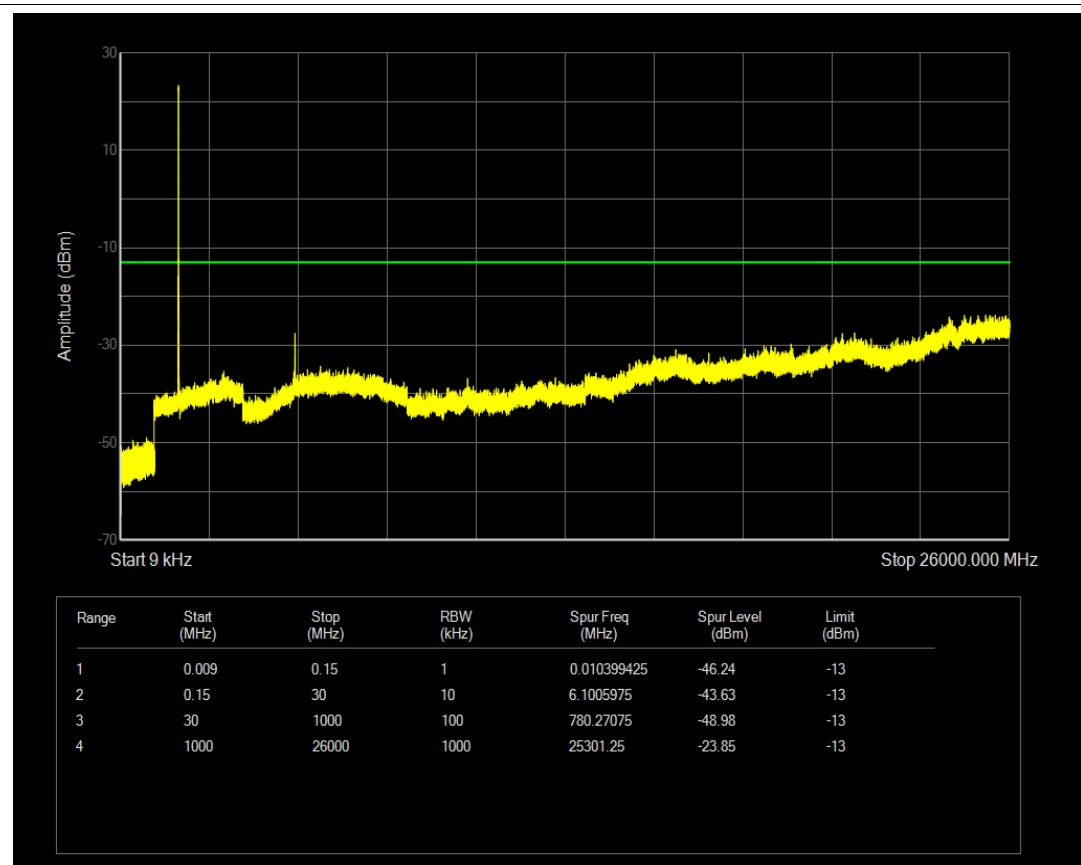


Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0 NVNT

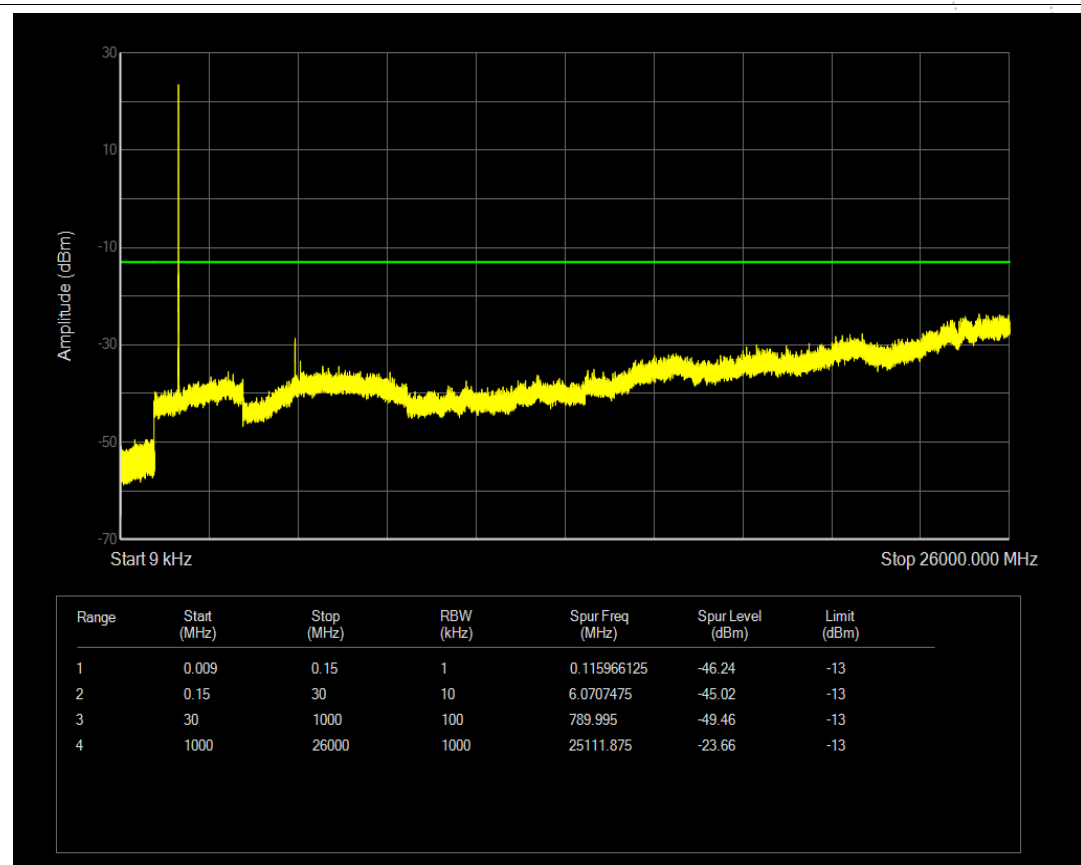


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009779025	-43.56	-13
2	0.15	30	10	6.5871525	-44.91	-13
3	30	1000	100	934.1855	-48.49	-13
4	1000	26000	1000	25795.625	-23.73	-13

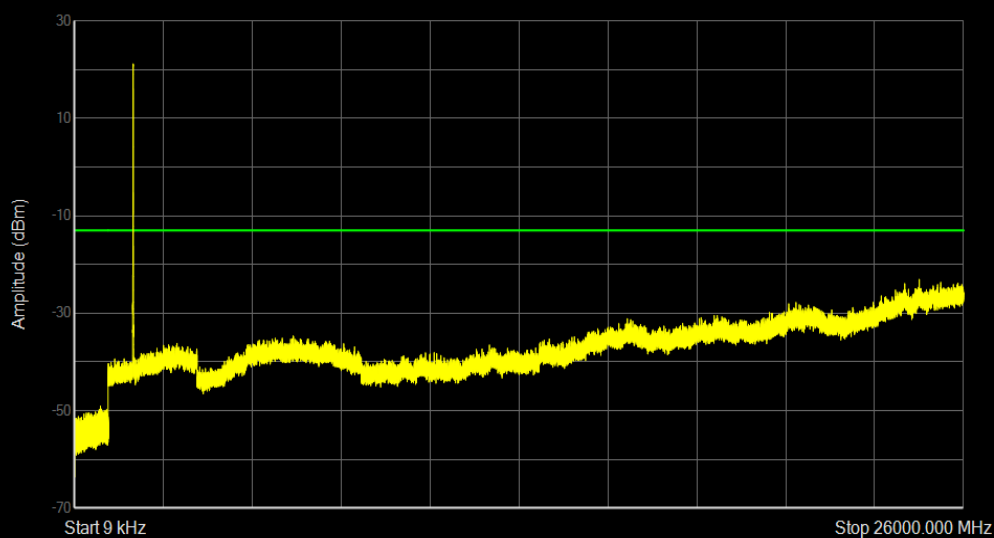
Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0 NVNT



Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0 NVNT

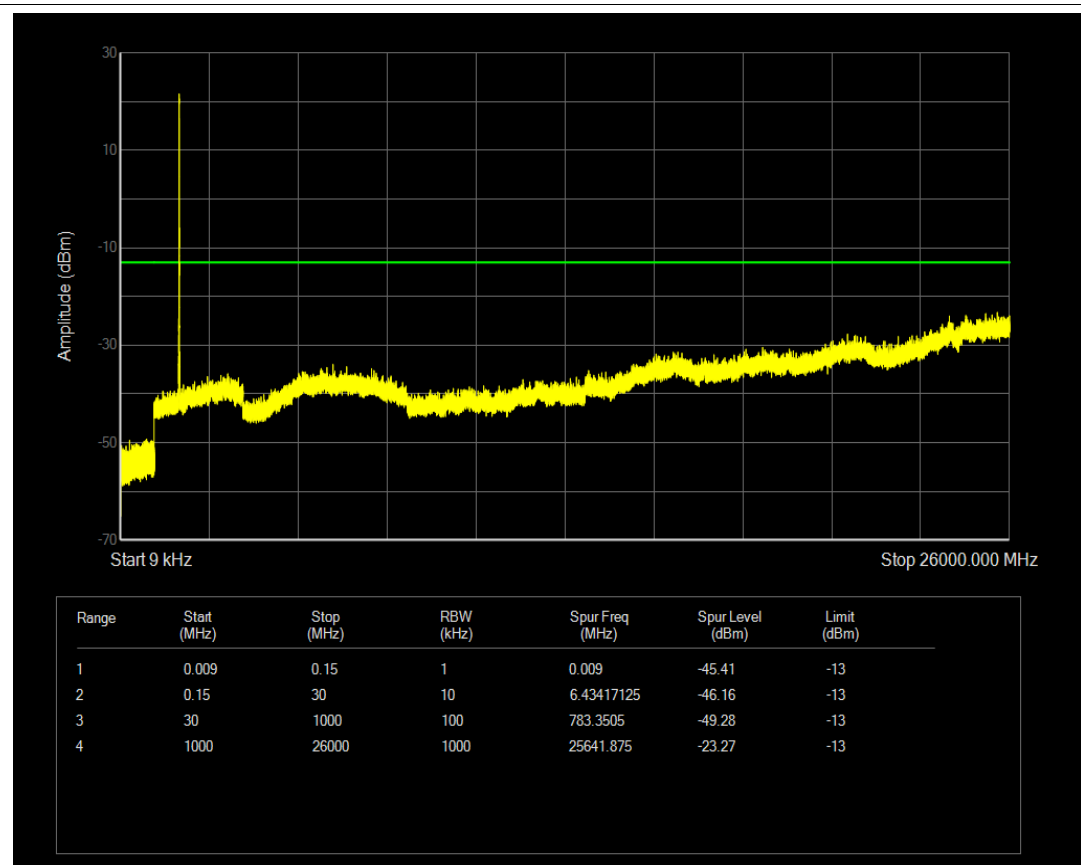


Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0 NVNT

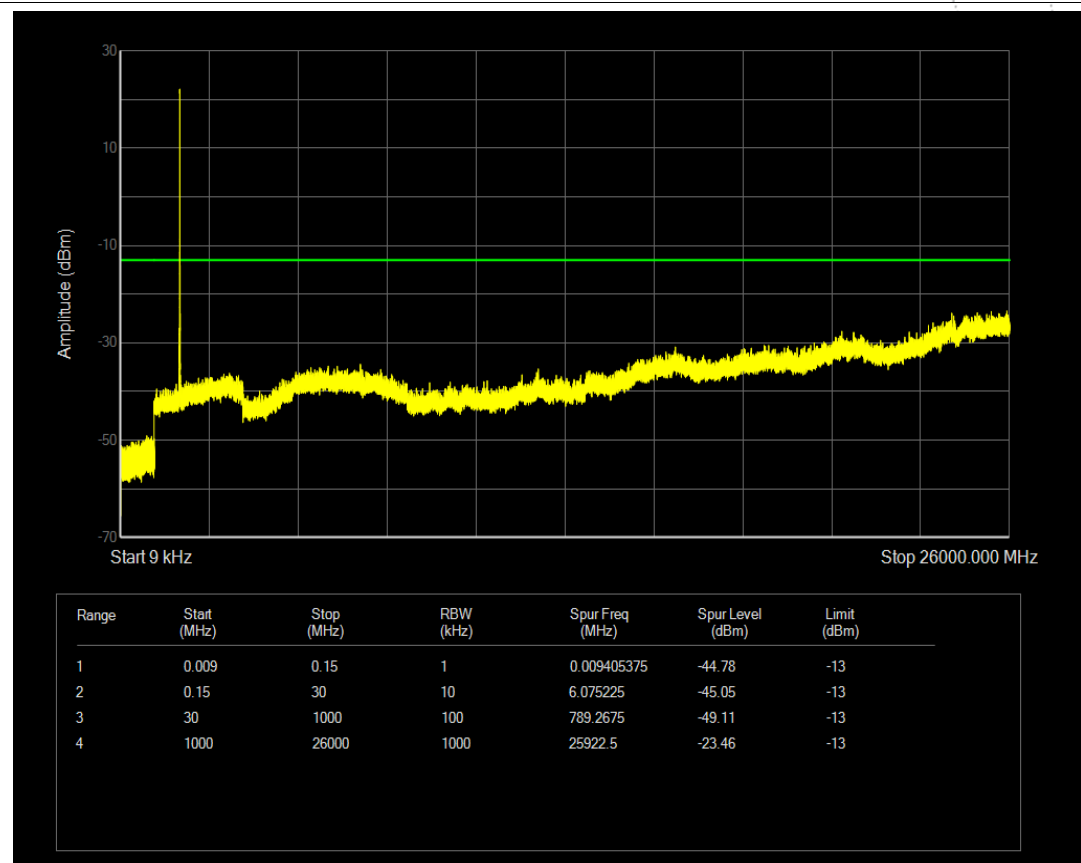


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009546375	-44.06	-13
2	0.15	30	10	6.07597125	-44.94	-13
3	30	1000	100	777.9185	-49.09	-13
4	1000	26000	1000	24705.625	-23.05	-13

Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0 NVNT

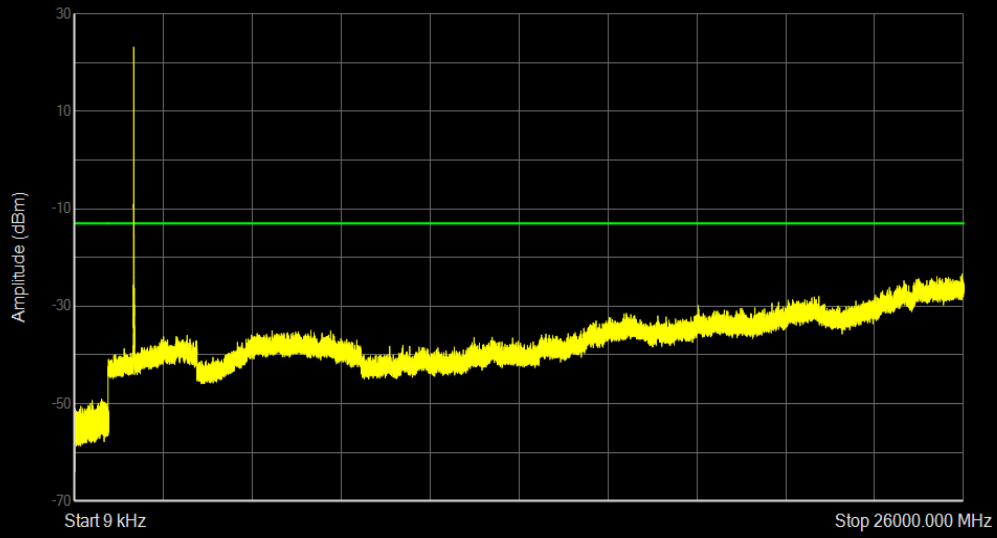


Band4 16QAM BW=5MHz Channel=20175 RB Size=25 Position=#0 NVNT





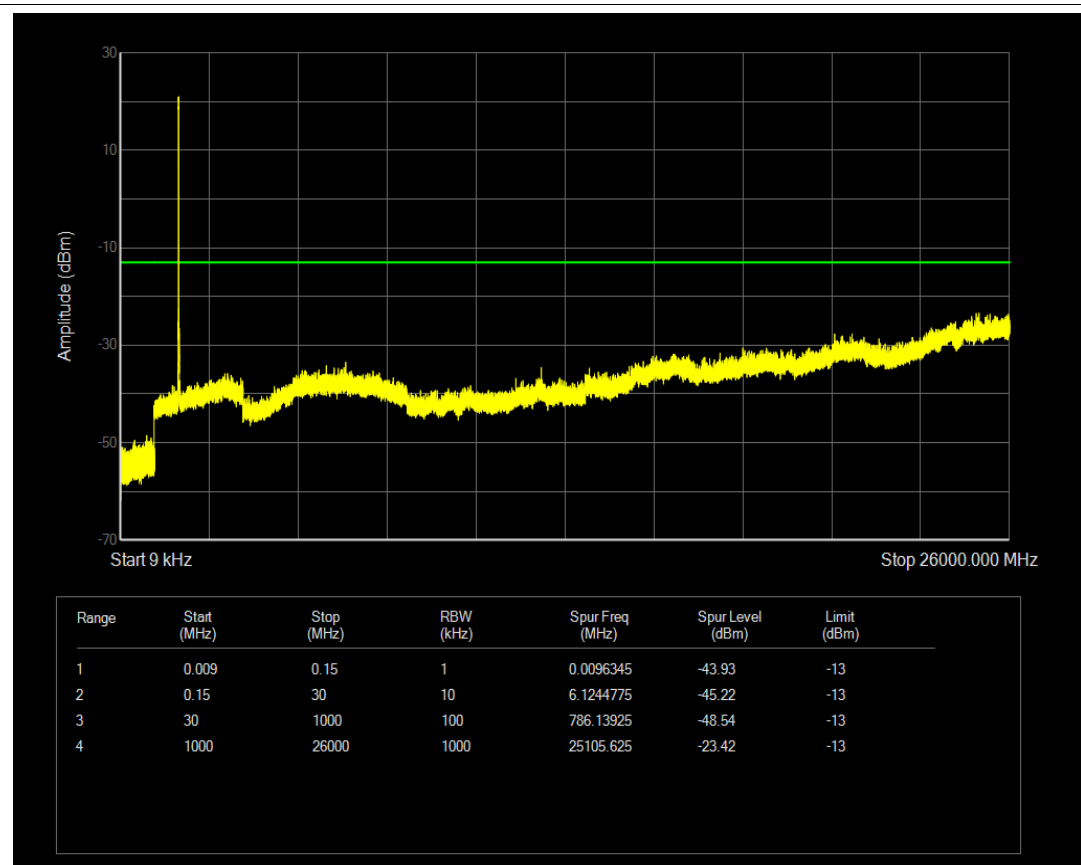
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0 NVNT



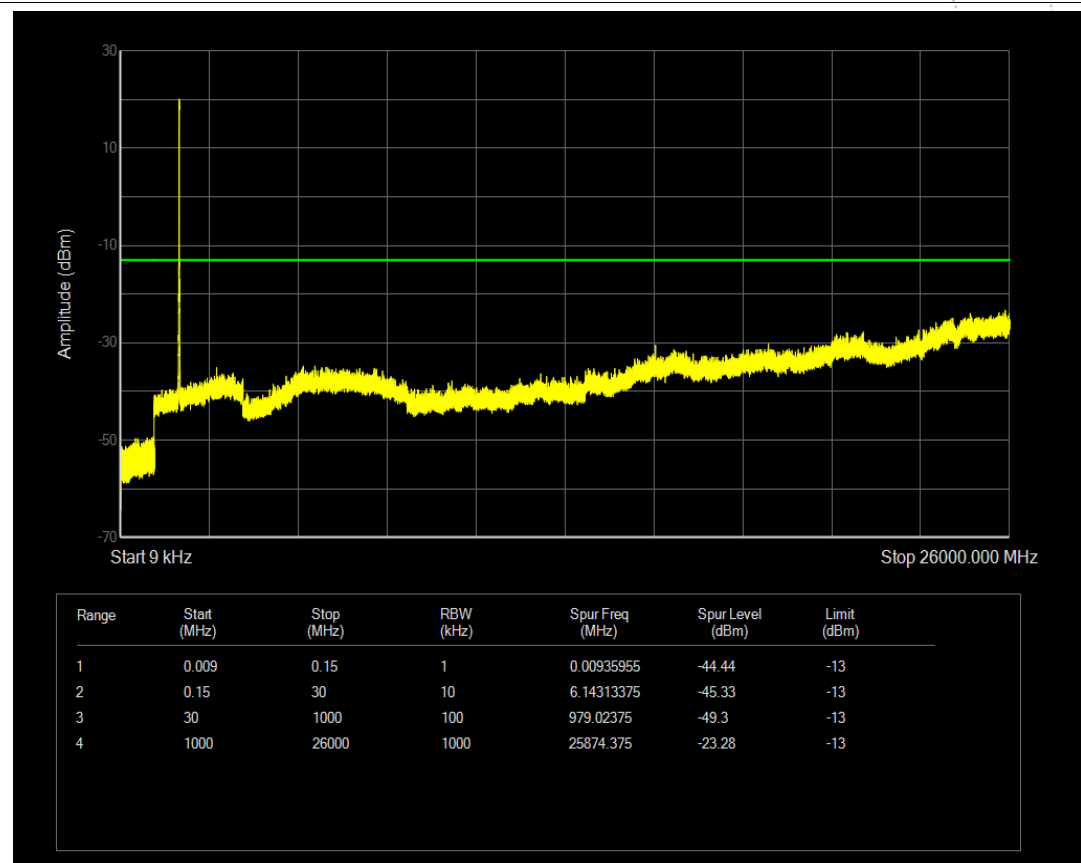
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.11684385	-46.84	-13
2	0.15	30	10	6.1125375	-45.56	-13
3	30	1000	100	814.02675	-49.07	-13
4	1000	26000	1000	25957.5	-23.36	-13

Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0 NVNT

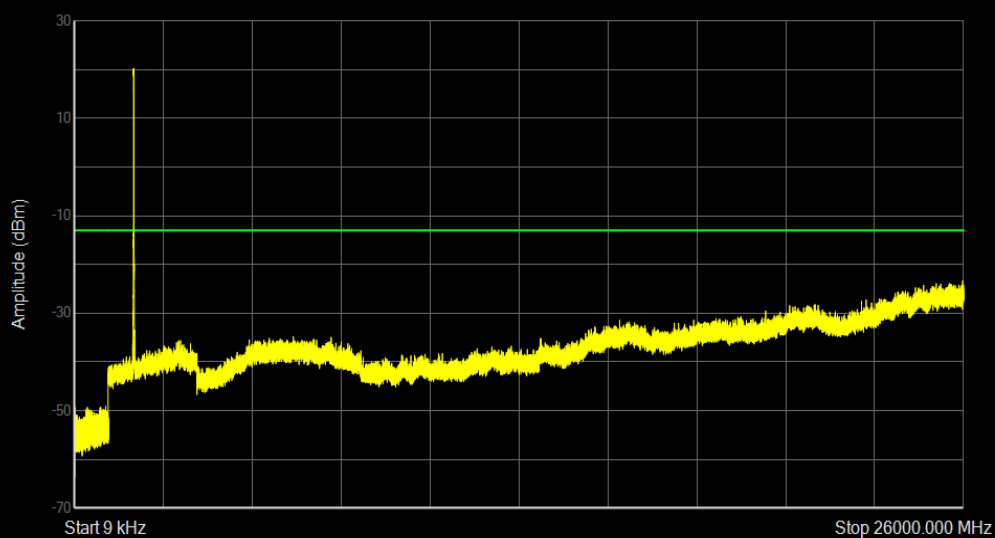
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Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0 NVNT

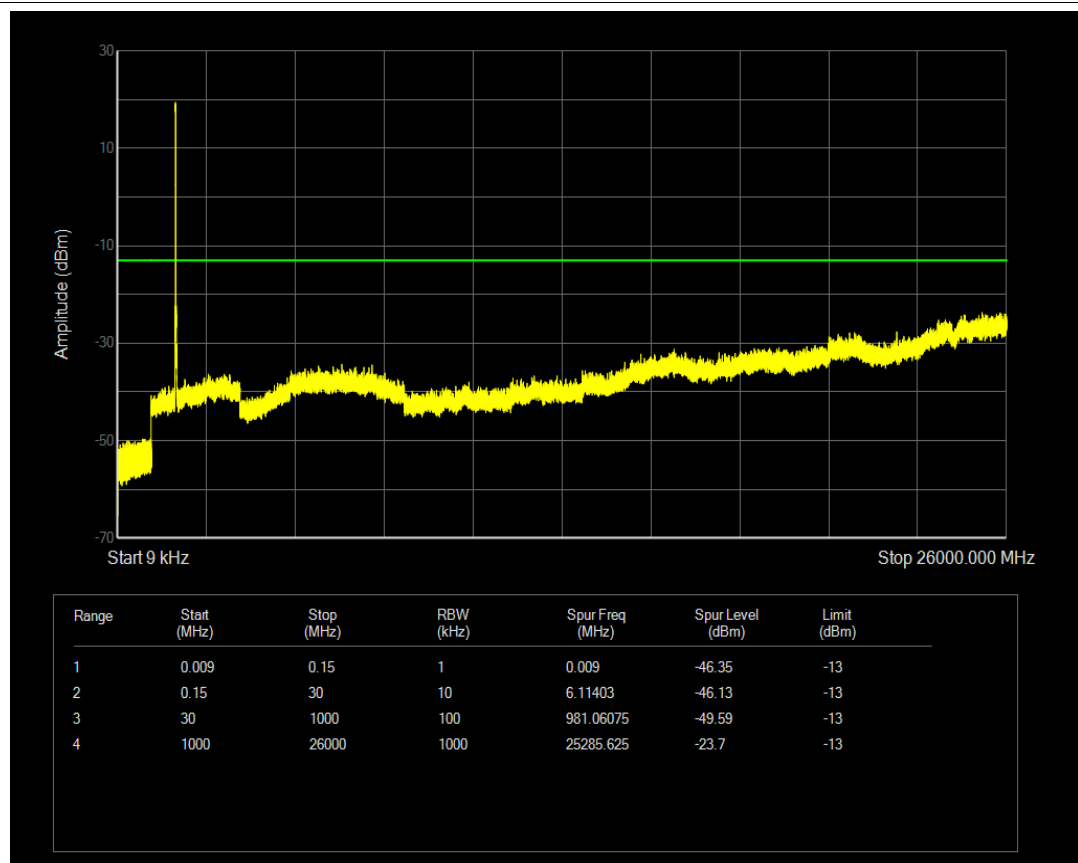


Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0 NVNT

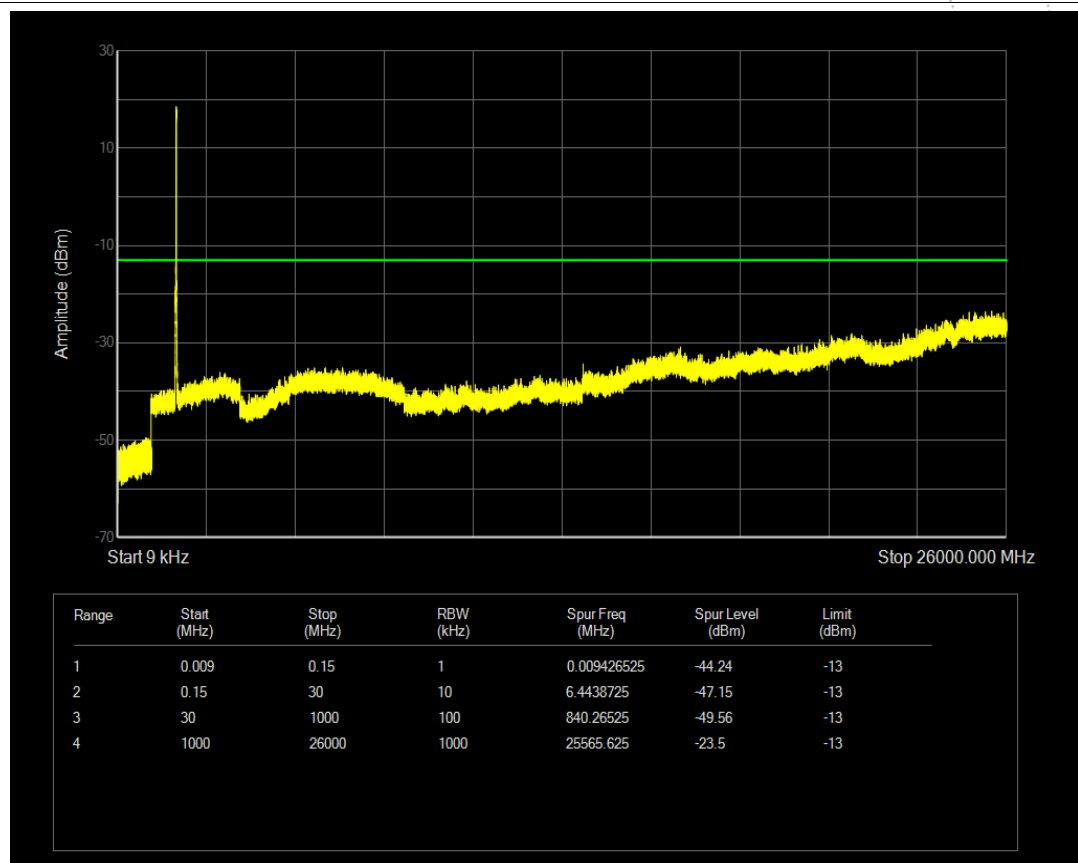


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010822425	-46.27	-13
2	0.15	30	10	6.07447875	-45.51	-13
3	30	1000	100	931.63925	-49.14	-13
4	1000	26000	1000	25975.625	-23.33	-13

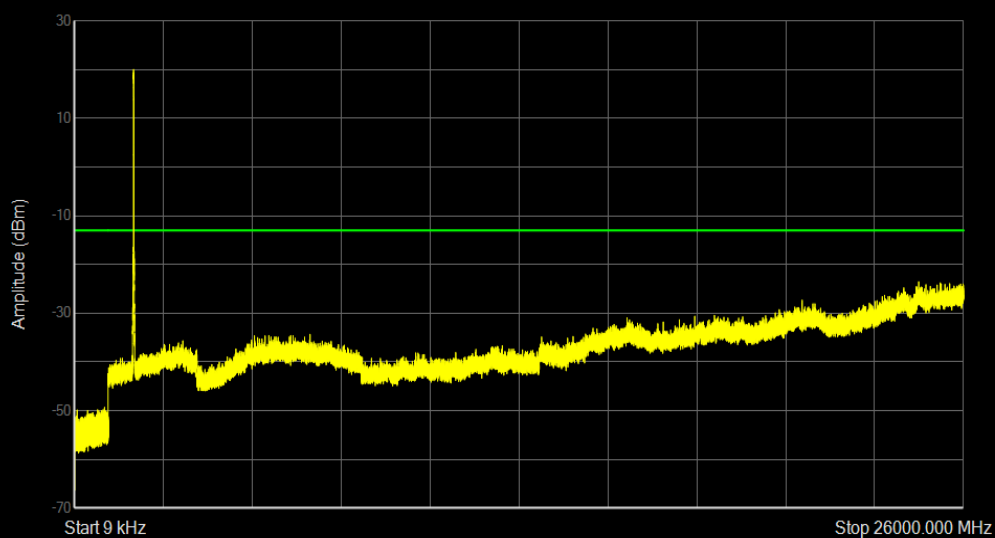
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0 NVNT



Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0 NVNT

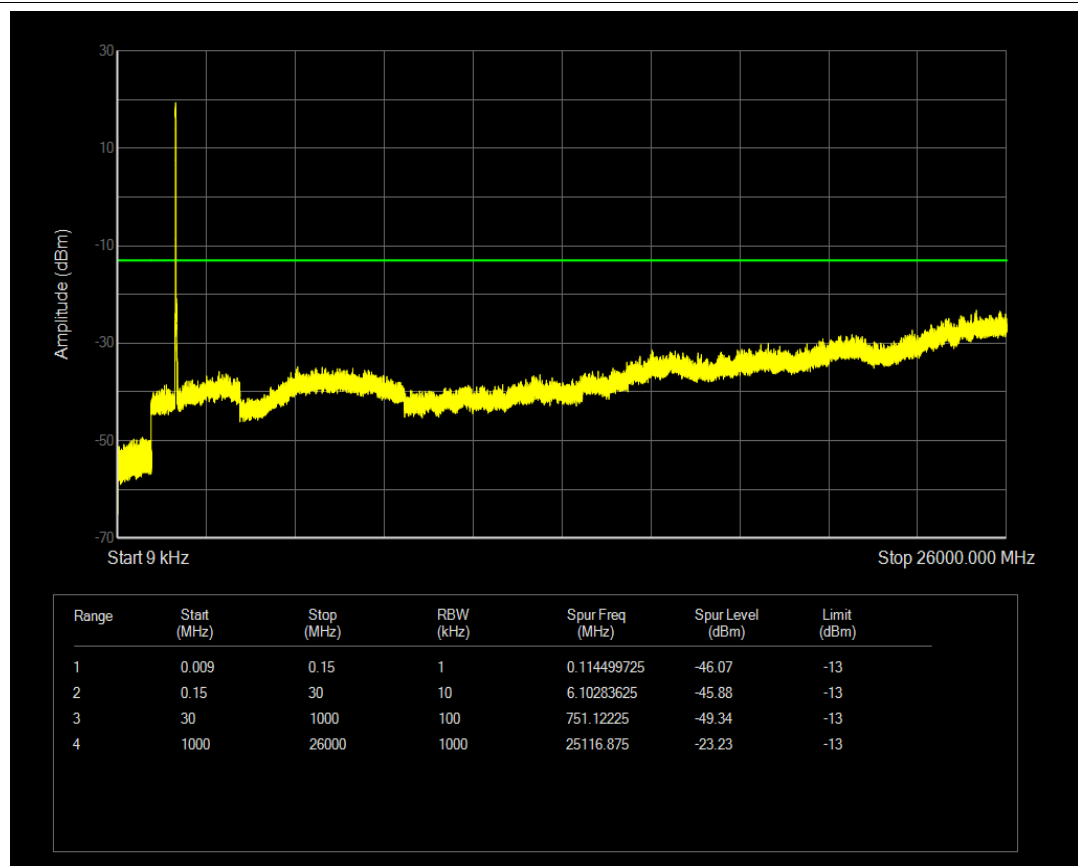


Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0 NVNT

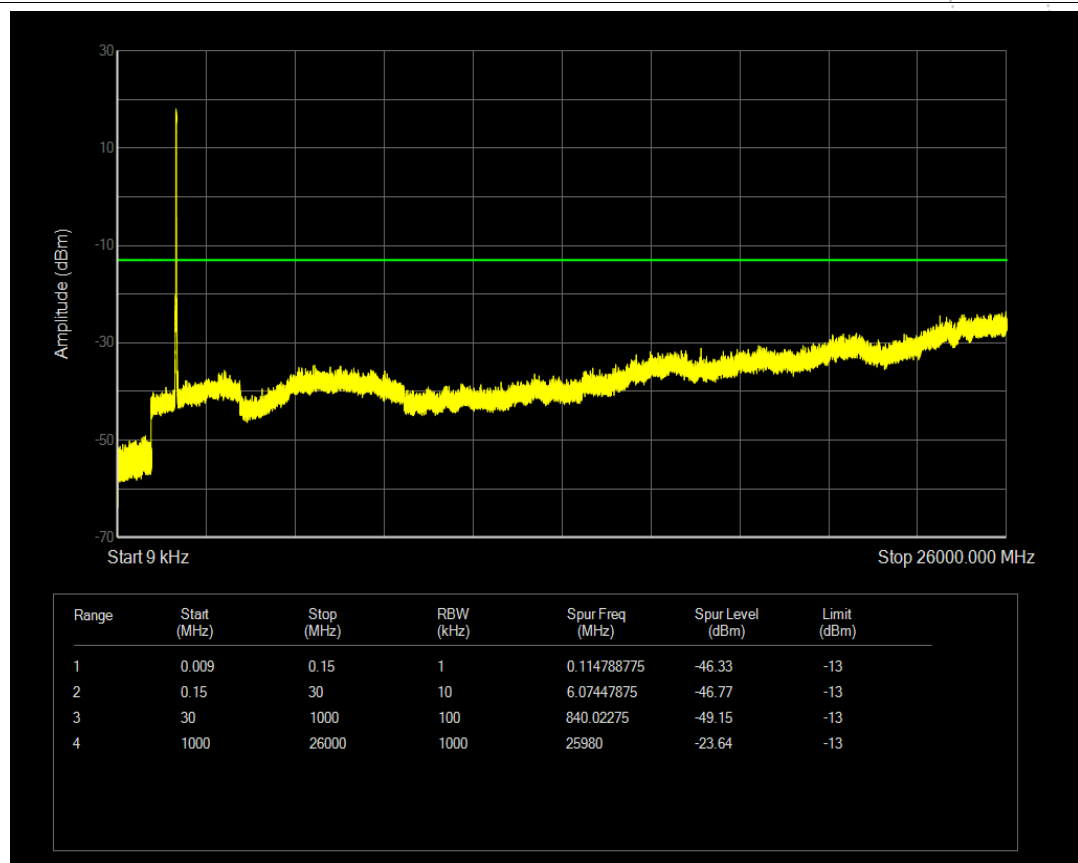


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009567525	-45.77	-13
2	0.15	30	10	6.4737225	-46.29	-13
3	30	1000	100	896.113	-49.35	-13
4	1000	26000	1000	24688.75	-23.54	-13

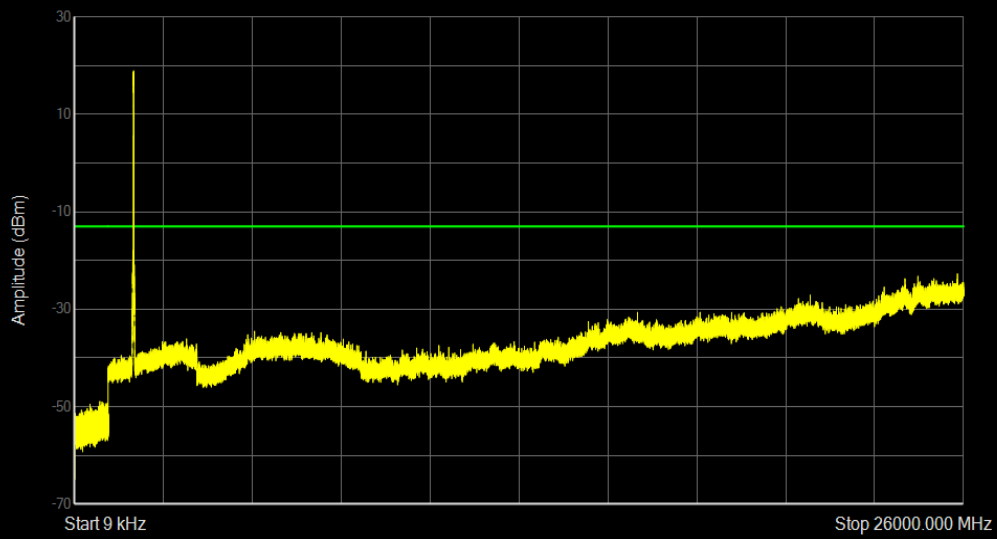
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0 NVNT



Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0 NVNT



Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0 NVNT



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-45.77	-13
2	0.15	30	10	6.475215	-46.97	-13
3	30	1000	100	759.5855	-48.94	-13
4	1000	26000	1000	25820.625	-22.73	-13

Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0 NVNT

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