

1 Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	EIRP Limit (mW)	Verdict
Band4	1.4	19957	1	#0	QPSK	22.52	1.8	24.32	270.40	1000	PASS
Band4	1.4	19957	1	#Mid	QPSK	22.74	1.8	24.54	284.45	1000	PASS
Band4	1.4	19957	1	#Max	QPSK	22.63	1.8	24.43	277.33	1000	PASS
Band4	1.4	19957	3	#0	QPSK	22.60	1.8	24.40	275.42	1000	PASS
Band4	1.4	19957	3	#Max	QPSK	22.64	1.8	24.44	277.97	1000	PASS
Band4	1.4	19957	6	#0	QPSK	21.65	1.8	23.45	221.31	1000	PASS
Band4	1.4	19957	1	#0	QAM16	22.16	1.8	23.96	248.89	1000	PASS
Band4	1.4	19957	1	#Mid	QAM16	22.36	1.8	24.16	260.62	1000	PASS
Band4	1.4	19957	1	#Max	QAM16	22.12	1.8	23.92	246.60	1000	PASS
Band4	1.4	19957	3	#0	QAM16	21.69	1.8	23.49	223.36	1000	PASS
Band4	1.4	19957	3	#Max	QAM16	21.71	1.8	23.51	224.39	1000	PASS
Band4	1.4	19957	6	#0	QAM16	20.34	1.8	22.14	163.68	1000	PASS
Band4	1.4	20175	1	#0	QPSK	22.90	1.8	24.70	295.12	1000	PASS
Band4	1.4	20175	1	#Mid	QPSK	22.90	1.8	24.70	295.12	1000	PASS
Band4	1.4	20175	1	#Max	QPSK	22.71	1.8	24.51	282.49	1000	PASS
Band4	1.4	20175	3	#0	QPSK	22.81	1.8	24.61	289.07	1000	PASS
Band4	1.4	20175	3	#Max	QPSK	22.63	1.8	24.43	277.33	1000	PASS
Band4	1.4	20175	6	#0	QPSK	21.77	1.8	23.57	227.51	1000	PASS
Band4	1.4	20175	1	#0	QAM16	21.45	1.8	23.25	211.35	1000	PASS
Band4	1.4	20175	1	#Mid	QAM16	21.59	1.8	23.39	218.27	1000	PASS
Band4	1.4	20175	1	#Max	QAM16	21.48	1.8	23.28	212.81	1000	PASS
Band4	1.4	20175	3	#0	QAM16	21.96	1.8	23.76	237.68	1000	PASS
Band4	1.4	20175	3	#Max	QAM16	21.66	1.8	23.46	221.82	1000	PASS
Band4	1.4	20175	6	#0	QAM16	20.63	1.8	22.43	174.98	1000	PASS
Band4	1.4	20393	1	#0	QPSK	23.02	1.8	24.82	303.39	1000	PASS
Band4	1.4	20393	1	#Mid	QPSK	23.05	1.8	24.85	305.49	1000	PASS
Band4	1.4	20393	1	#Max	QPSK	23.02	1.8	24.82	303.39	1000	PASS
Band4	1.4	20393	3	#0	QPSK	22.75	1.8	24.55	285.10	1000	PASS
Band4	1.4	20393	3	#Max	QPSK	22.64	1.8	24.44	277.97	1000	PASS
Band4	1.4	20393	6	#0	QPSK	21.72	1.8	23.52	224.91	1000	PASS
Band4	1.4	20393	1	#0	QAM16	21.98	1.8	23.78	238.78	1000	PASS
Band4	1.4	20393	1	#Mid	QAM16	21.94	1.8	23.74	236.59	1000	PASS
Band4	1.4	20393	1	#Max	QAM16	21.82	1.8	23.62	230.14	1000	PASS
Band4	1.4	20393	3	#0	QAM16	21.85	1.8	23.65	231.74	1000	PASS
Band4	1.4	20393	3	#Max	QAM16	21.83	1.8	23.63	230.67	1000	PASS
Band4	1.4	20393	6	#0	QAM16	20.66	1.8	22.46	176.20	1000	PASS
Band4	3	19965	1	#0	QPSK	22.81	1.8	24.61	289.07	1000	PASS
Band4	3	19965	1	#Mid	QPSK	22.66	1.8	24.46	279.25	1000	PASS
Band4	3	19965	1	#Max	QPSK	22.76	1.8	24.56	285.76	1000	PASS

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Band4	3	19965	8	#0	QPSK	21.71	1.8	23.51	224.39	1000	PASS
Band4	3	19965	8	#Max	QPSK	21.74	1.8	23.54	225.94	1000	PASS
Band4	3	19965	15	#0	QPSK	21.82	1.8	23.62	230.14	1000	PASS
Band4	3	19965	1	#0	QAM16	21.84	1.8	23.64	231.21	1000	PASS
Band4	3	19965	1	#Mid	QAM16	21.68	1.8	23.48	222.84	1000	PASS
Band4	3	19965	1	#Max	QAM16	21.67	1.8	23.47	222.33	1000	PASS
Band4	3	19965	8	#0	QAM16	20.37	1.8	22.17	164.82	1000	PASS
Band4	3	19965	8	#Max	QAM16	20.41	1.8	22.21	166.34	1000	PASS
Band4	3	19965	15	#0	QAM16	20.44	1.8	22.24	167.49	1000	PASS
Band4	3	20175	1	#0	QPSK	22.78	1.8	24.58	287.08	1000	PASS
Band4	3	20175	1	#Mid	QPSK	22.72	1.8	24.52	283.14	1000	PASS
Band4	3	20175	1	#Max	QPSK	22.81	1.8	24.61	289.07	1000	PASS
Band4	3	20175	8	#0	QPSK	21.86	1.8	23.66	232.27	1000	PASS
Band4	3	20175	8	#Max	QPSK	21.86	1.8	23.66	232.27	1000	PASS
Band4	3	20175	15	#0	QPSK	21.85	1.8	23.65	231.74	1000	PASS
Band4	3	20175	1	#0	QAM16	22.30	1.8	24.10	257.04	1000	PASS
Band4	3	20175	1	#Mid	QAM16	22.29	1.8	24.09	256.45	1000	PASS
Band4	3	20175	1	#Max	QAM16	22.17	1.8	23.97	249.46	1000	PASS
Band4	3	20175	8	#0	QAM16	20.57	1.8	22.37	172.58	1000	PASS
Band4	3	20175	8	#Max	QAM16	20.49	1.8	22.29	169.43	1000	PASS
Band4	3	20175	15	#0	QAM16	20.46	1.8	22.26	168.27	1000	PASS
Band4	3	20385	1	#0	QPSK	22.96	1.8	24.76	299.23	1000	PASS
Band4	3	20385	1	#Mid	QPSK	23.01	1.8	24.81	302.69	1000	PASS
Band4	3	20385	1	#Max	QPSK	22.94	1.8	24.74	297.85	1000	PASS
Band4	3	20385	8	#0	QPSK	21.76	1.8	23.56	226.99	1000	PASS
Band4	3	20385	8	#Max	QPSK	21.72	1.8	23.52	224.91	1000	PASS
Band4	3	20385	15	#0	QPSK	21.73	1.8	23.53	225.42	1000	PASS
Band4	3	20385	1	#0	QAM16	21.53	1.8	23.33	215.28	1000	PASS
Band4	3	20385	1	#Mid	QAM16	21.47	1.8	23.27	212.32	1000	PASS
Band4	3	20385	1	#Max	QAM16	21.46	1.8	23.26	211.84	1000	PASS
Band4	3	20385	8	#0	QAM16	20.55	1.8	22.35	171.79	1000	PASS
Band4	3	20385	8	#Max	QAM16	20.54	1.8	22.34	171.40	1000	PASS
Band4	3	20385	15	#0	QAM16	20.74	1.8	22.54	179.47	1000	PASS
Band4	5	19975	1	#0	QPSK	22.57	1.8	24.37	273.53	1000	PASS
Band4	5	19975	1	#Mid	QPSK	22.68	1.8	24.48	280.54	1000	PASS
Band4	5	19975	1	#Max	QPSK	22.61	1.8	24.41	276.06	1000	PASS
Band4	5	19975	12	#0	QPSK	21.71	1.8	23.51	224.39	1000	PASS
Band4	5	19975	12	#Max	QPSK	21.85	1.8	23.65	231.74	1000	PASS
Band4	5	19975	25	#0	QPSK	21.77	1.8	23.57	227.51	1000	PASS
Band4	5	19975	1	#0	QAM16	21.65	1.8	23.45	221.31	1000	PASS
Band4	5	19975	1	#Mid	QAM16	21.69	1.8	23.49	223.36	1000	PASS
Band4	5	19975	1	#Max	QAM16	21.58	1.8	23.38	217.77	1000	PASS
Band4	5	19975	12	#0	QAM16	20.67	1.8	22.47	176.60	1000	PASS
Band4	5	19975	12	#Max	QAM16	20.40	1.8	22.20	165.96	1000	PASS

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Band4	5	19975	25	#0	QAM16	20.72	1.8	22.52	178.65	1000	PASS
Band4	5	20175	1	#0	QPSK	22.91	1.8	24.71	295.80	1000	PASS
Band4	5	20175	1	#Mid	QPSK	22.87	1.8	24.67	293.09	1000	PASS
Band4	5	20175	1	#Max	QPSK	22.70	1.8	24.50	281.84	1000	PASS
Band4	5	20175	12	#0	QPSK	21.89	1.8	23.69	233.88	1000	PASS
Band4	5	20175	12	#Max	QPSK	21.77	1.8	23.57	227.51	1000	PASS
Band4	5	20175	25	#0	QPSK	21.76	1.8	23.56	226.99	1000	PASS
Band4	5	20175	1	#0	QAM16	22.07	1.8	23.87	243.78	1000	PASS
Band4	5	20175	1	#Mid	QAM16	21.89	1.8	23.69	233.88	1000	PASS
Band4	5	20175	1	#Max	QAM16	21.90	1.8	23.70	234.42	1000	PASS
Band4	5	20175	12	#0	QAM16	20.48	1.8	22.28	169.04	1000	PASS
Band4	5	20175	12	#Max	QAM16	20.37	1.8	22.17	164.82	1000	PASS
Band4	5	20175	25	#0	QAM16	20.36	1.8	22.16	164.44	1000	PASS
Band4	5	20375	1	#0	QPSK	22.91	1.8	24.71	295.80	1000	PASS
Band4	5	20375	1	#Mid	QPSK	22.89	1.8	24.69	294.44	1000	PASS
Band4	5	20375	1	#Max	QPSK	22.65	1.8	24.45	278.61	1000	PASS
Band4	5	20375	12	#0	QPSK	21.77	1.8	23.57	227.51	1000	PASS
Band4	5	20375	12	#Max	QPSK	21.86	1.8	23.66	232.27	1000	PASS
Band4	5	20375	25	#0	QPSK	21.87	1.8	23.67	232.81	1000	PASS
Band4	5	20375	1	#0	QAM16	22.15	1.8	23.95	248.31	1000	PASS
Band4	5	20375	1	#Mid	QAM16	22.19	1.8	23.99	250.61	1000	PASS
Band4	5	20375	1	#Max	QAM16	21.90	1.8	23.70	234.42	1000	PASS
Band4	5	20375	12	#0	QAM16	20.59	1.8	22.39	173.38	1000	PASS
Band4	5	20375	12	#Max	QAM16	20.60	1.8	22.40	173.78	1000	PASS
Band4	5	20375	25	#0	QAM16	20.67	1.8	22.47	176.60	1000	PASS
Band4	10	20000	1	#0	QPSK	22.65	1.8	24.45	278.61	1000	PASS
Band4	10	20000	1	#Mid	QPSK	22.71	1.8	24.51	282.49	1000	PASS
Band4	10	20000	1	#Max	QPSK	22.62	1.8	24.42	276.69	1000	PASS
Band4	10	20000	25	#0	QPSK	21.81	1.8	23.61	229.61	1000	PASS
Band4	10	20000	25	#Max	QPSK	21.83	1.8	23.63	230.67	1000	PASS
Band4	10	20000	50	#0	QPSK	21.80	1.8	23.60	229.09	1000	PASS
Band4	10	20000	1	#0	QAM16	22.04	1.8	23.84	242.10	1000	PASS
Band4	10	20000	1	#Mid	QAM16	22.01	1.8	23.81	240.44	1000	PASS
Band4	10	20000	1	#Max	QAM16	21.77	1.8	23.57	227.51	1000	PASS
Band4	10	20000	25	#0	QAM16	20.83	1.8	22.63	183.23	1000	PASS
Band4	10	20000	25	#Max	QAM16	20.88	1.8	22.68	185.35	1000	PASS
Band4	10	20000	50	#0	QAM16	20.78	1.8	22.58	181.13	1000	PASS
Band4	10	20175	1	#0	QPSK	22.94	1.8	24.74	297.85	1000	PASS
Band4	10	20175	1	#Mid	QPSK	22.96	1.8	24.76	299.23	1000	PASS
Band4	10	20175	1	#Max	QPSK	22.63	1.8	24.43	277.33	1000	PASS
Band4	10	20175	25	#0	QPSK	21.80	1.8	23.60	229.09	1000	PASS
Band4	10	20175	25	#Max	QPSK	21.80	1.8	23.60	229.09	1000	PASS
Band4	10	20175	50	#0	QPSK	21.86	1.8	23.66	232.27	1000	PASS
Band4	10	20175	1	#0	QAM16	22.39	1.8	24.19	262.42	1000	PASS

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Band4	10	20175	1	#Mid	QAM16	23.07	1.8	24.87	306.90	1000	PASS
Band4	10	20175	1	#Max	QAM16	22.28	1.8	24.08	255.86	1000	PASS
Band4	10	20175	25	#0	QAM16	20.92	1.8	22.72	187.07	1000	PASS
Band4	10	20175	25	#Max	QAM16	20.75	1.8	22.55	179.89	1000	PASS
Band4	10	20175	50	#0	QAM16	20.70	1.8	22.50	177.83	1000	PASS
Band4	10	20350	1	#0	QPSK	22.80	1.8	24.60	288.40	1000	PASS
Band4	10	20350	1	#Mid	QPSK	23.40	1.8	25.20	331.13	1000	PASS
Band4	10	20350	1	#Max	QPSK	22.92	1.8	24.72	296.48	1000	PASS
Band4	10	20350	25	#0	QPSK	21.94	1.8	23.74	236.59	1000	PASS
Band4	10	20350	25	#Max	QPSK	21.83	1.8	23.63	230.67	1000	PASS
Band4	10	20350	50	#0	QPSK	21.96	1.8	23.76	237.68	1000	PASS
Band4	10	20350	1	#0	QAM16	21.67	1.8	23.47	222.33	1000	PASS
Band4	10	20350	1	#Mid	QAM16	21.84	1.8	23.64	231.21	1000	PASS
Band4	10	20350	1	#Max	QAM16	21.62	1.8	23.42	219.79	1000	PASS
Band4	10	20350	25	#0	QAM16	20.91	1.8	22.71	186.64	1000	PASS
Band4	10	20350	25	#Max	QAM16	20.96	1.8	22.76	188.80	1000	PASS
Band4	10	20350	50	#0	QAM16	20.81	1.8	22.61	182.39	1000	PASS
Band4	15	20025	1	#0	QPSK	22.64	1.8	24.44	277.97	1000	PASS
Band4	15	20025	1	#Mid	QPSK	22.75	1.8	24.55	285.10	1000	PASS
Band4	15	20025	1	#Max	QPSK	22.69	1.8	24.49	281.19	1000	PASS
Band4	15	20025	36	#0	QPSK	21.78	1.8	23.58	228.03	1000	PASS
Band4	15	20025	36	#Max	QPSK	21.77	1.8	23.57	227.51	1000	PASS
Band4	15	20025	75	#0	QPSK	21.71	1.8	23.51	224.39	1000	PASS
Band4	15	20025	1	#0	QAM16	22.02	1.8	23.82	240.99	1000	PASS
Band4	15	20025	1	#Mid	QAM16	21.94	1.8	23.74	236.59	1000	PASS
Band4	15	20025	1	#Max	QAM16	21.26	1.8	23.06	202.30	1000	PASS
Band4	15	20025	36	#0	QAM16	20.65	1.8	22.45	175.79	1000	PASS
Band4	15	20025	36	#Max	QAM16	20.76	1.8	22.56	180.30	1000	PASS
Band4	15	20025	75	#0	QAM16	20.60	1.8	22.40	173.78	1000	PASS
Band4	15	20175	1	#0	QPSK	22.61	1.8	24.41	276.06	1000	PASS
Band4	15	20175	1	#Mid	QPSK	22.84	1.8	24.64	291.07	1000	PASS
Band4	15	20175	1	#Max	QPSK	22.67	1.8	24.47	279.90	1000	PASS
Band4	15	20175	36	#0	QPSK	21.86	1.8	23.66	232.27	1000	PASS
Band4	15	20175	36	#Max	QPSK	21.79	1.8	23.59	228.56	1000	PASS
Band4	15	20175	75	#0	QPSK	21.47	1.8	23.27	212.32	1000	PASS
Band4	15	20175	1	#0	QAM16	21.12	1.8	22.92	195.88	1000	PASS
Band4	15	20175	1	#Mid	QAM16	21.31	1.8	23.11	204.64	1000	PASS
Band4	15	20175	1	#Max	QAM16	20.95	1.8	22.75	188.36	1000	PASS
Band4	15	20175	36	#0	QAM16	20.54	1.8	22.34	171.40	1000	PASS
Band4	15	20175	36	#Max	QAM16	20.48	1.8	22.28	169.04	1000	PASS
Band4	15	20175	75	#0	QAM16	20.57	1.8	22.37	172.58	1000	PASS
Band4	15	20325	1	#0	QPSK	22.81	1.8	24.61	289.07	1000	PASS
Band4	15	20325	1	#Mid	QPSK	22.79	1.8	24.59	287.74	1000	PASS
Band4	15	20325	1	#Max	QPSK	22.74	1.8	24.54	284.45	1000	PASS

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Band4	15	20325	36	#0	QPSK	21.91	1.8	23.71	234.96	1000	PASS
Band4	15	20325	36	#Max	QPSK	21.92	1.8	23.72	235.50	1000	PASS
Band4	15	20325	75	#0	QPSK	21.89	1.8	23.69	233.88	1000	PASS
Band4	15	20325	1	#0	QAM16	22.14	1.8	23.94	247.74	1000	PASS
Band4	15	20325	1	#Mid	QAM16	22.14	1.8	23.94	247.74	1000	PASS
Band4	15	20325	1	#Max	QAM16	21.38	1.8	23.18	207.97	1000	PASS
Band4	15	20325	36	#0	QAM16	20.66	1.8	22.46	176.20	1000	PASS
Band4	15	20325	36	#Max	QAM16	20.80	1.8	22.60	181.97	1000	PASS
Band4	15	20325	75	#0	QAM16	20.86	1.8	22.66	184.50	1000	PASS
Band4	20	20050	1	#0	QPSK	22.33	1.8	24.13	258.82	1000	PASS
Band4	20	20050	1	#Mid	QPSK	22.92	1.8	24.72	296.48	1000	PASS
Band4	20	20050	1	#Max	QPSK	22.62	1.8	24.42	276.69	1000	PASS
Band4	20	20050	50	#0	QPSK	21.63	1.8	23.43	220.29	1000	PASS
Band4	20	20050	50	#Max	QPSK	21.79	1.8	23.59	228.56	1000	PASS
Band4	20	20050	100	#0	QPSK	21.74	1.8	23.54	225.94	1000	PASS
Band4	20	20050	1	#0	QAM16	21.83	1.8	23.63	230.67	1000	PASS
Band4	20	20050	1	#Mid	QAM16	22.32	1.8	24.12	258.23	1000	PASS
Band4	20	20050	1	#Max	QAM16	22.01	1.8	23.81	240.44	1000	PASS
Band4	20	20050	50	#0	QAM16	20.85	1.8	22.65	184.08	1000	PASS
Band4	20	20050	50	#Max	QAM16	20.87	1.8	22.67	184.93	1000	PASS
Band4	20	20050	100	#0	QAM16	20.74	1.8	22.54	179.47	1000	PASS
Band4	20	20175	1	#0	QPSK	22.86	1.8	24.66	292.42	1000	PASS
Band4	20	20175	1	#Mid	QPSK	23.06	1.8	24.86	306.20	1000	PASS
Band4	20	20175	1	#Max	QPSK	22.86	1.8	24.66	292.42	1000	PASS
Band4	20	20175	50	#0	QPSK	21.94	1.8	23.74	236.59	1000	PASS
Band4	20	20175	50	#Max	QPSK	21.75	1.8	23.55	226.46	1000	PASS
Band4	20	20175	100	#0	QPSK	21.83	1.8	23.63	230.67	1000	PASS
Band4	20	20175	1	#0	QAM16	21.50	1.8	23.30	213.80	1000	PASS
Band4	20	20175	1	#Mid	QAM16	21.53	1.8	23.33	215.28	1000	PASS
Band4	20	20175	1	#Max	QAM16	21.43	1.8	23.23	210.38	1000	PASS
Band4	20	20175	50	#0	QAM16	20.82	1.8	22.62	182.81	1000	PASS
Band4	20	20175	50	#Max	QAM16	20.76	1.8	22.56	180.30	1000	PASS
Band4	20	20175	100	#0	QAM16	20.82	1.8	22.62	182.81	1000	PASS
Band4	20	20300	1	#0	QPSK	22.97	1.8	24.77	299.92	1000	PASS
Band4	20	20300	1	#Mid	QPSK	22.81	1.8	24.61	289.07	1000	PASS
Band4	20	20300	1	#Max	QPSK	22.98	1.8	24.78	300.61	1000	PASS
Band4	20	20300	50	#0	QPSK	22.00	1.8	23.80	239.88	1000	PASS
Band4	20	20300	50	#Max	QPSK	21.92	1.8	23.72	235.50	1000	PASS
Band4	20	20300	100	#0	QPSK	21.94	1.8	23.74	236.59	1000	PASS
Band4	20	20300	1	#0	QAM16	22.06	1.8	23.86	243.22	1000	PASS
Band4	20	20300	1	#Mid	QAM16	22.65	1.8	24.45	278.61	1000	PASS
Band4	20	20300	1	#Max	QAM16	22.00	1.8	23.80	239.88	1000	PASS
Band4	20	20300	50	#0	QAM16	20.84	1.8	22.64	183.65	1000	PASS
Band4	20	20300	50	#Max	QAM16	20.92	1.8	22.72	187.07	1000	PASS

Report

Band4	20	20300	100	#0	QAM16	20.92	1.8	22.72	187.07	1000	PASS
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2 Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (°C)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
Band4	20	20050	100	#0	QPSK	VL	NT	1.84	0.001	±2.5	PASS
Band4	20	20050	100	#0	QPSK	VN	NT	1.53	0.001	±2.5	PASS
Band4	20	20050	100	#0	QPSK	VH	NT	1.10	0.001	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	50	1.45	0.001	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	40	1.60	0.001	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	30	1.48	0.001	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	20	1.85	0.001	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	10	1.40	0.001	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	0	1.04	0.001	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	-10	1.77	0.001	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	-20	1.23	0.001	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	-30	1.97	0.001	±2.5	PASS
Band4	20	20050	100	#0	QAM16	VL	NT	2.57	0.001	±2.5	PASS
Band4	20	20050	100	#0	QAM16	VN	NT	1.63	0.001	±2.5	PASS
Band4	20	20050	100	#0	QAM16	VH	NT	1.33	0.001	±2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	50	2.05	0.001	±2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	40	1.11	0.001	±2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	30	0.82	0.000	±2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	20	0.81	0.000	±2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	10	1.87	0.001	±2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	0	1.21	0.001	±2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	-10	1.25	0.001	±2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	-20	1.48	0.001	±2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	-30	1.61	0.001	±2.5	PASS
Band4	20	20175	100	#0	QPSK	VL	NT	0.37	0.000	±2.5	PASS
Band4	20	20175	100	#0	QPSK	VN	NT	-0.24	0.000	±2.5	PASS
Band4	20	20175	100	#0	QPSK	VH	NT	0.27	0.000	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	50	0.45	0.000	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	40	-0.28	0.000	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	30	0.37	0.000	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	20	0.32	0.000	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	10	0.42	0.000	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	0	0.40	0.000	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	-10	0.51	0.000	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	-20	0.68	0.000	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	-30	0.60	0.000	±2.5	PASS
Band4	20	20175	100	#0	QAM16	VL	NT	0.30	0.000	±2.5	PASS
Band4	20	20175	100	#0	QAM16	VN	NT	-0.14	0.000	±2.5	PASS
Band4	20	20175	100	#0	QAM16	VH	NT	0.08	0.000	±2.5	PASS

Report

Band4	20	20175	100	#0	QAM16	NV	50	0.24	0.000	±2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	40	0.34	0.000	±2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	30	0.38	0.000	±2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	20	0.21	0.000	±2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	10	0.11	0.000	±2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	0	0.58	0.000	±2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	-10	0.32	0.000	±2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	-20	0.68	0.000	±2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	-30	0.48	0.000	±2.5	PASS
Band4	20	20300	100	#0	QPSK	VL	NT	-2.87	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QPSK	VN	NT	-2.71	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QPSK	VH	NT	-3.43	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	50	-2.53	-0.001	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	40	-3.20	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	30	-2.43	-0.001	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	20	-3.29	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	10	-2.46	-0.001	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	0	-2.74	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	-10	-2.93	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	-20	-2.84	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	-30	-2.74	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QAM16	VL	NT	-3.04	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QAM16	VN	NT	-2.68	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QAM16	VH	NT	-2.26	-0.001	±2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	50	-2.63	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	40	-3.29	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	30	-3.07	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	20	-2.70	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	10	-3.10	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	0	-2.27	-0.001	±2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	-10	-1.97	-0.001	±2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	-20	-2.28	-0.001	±2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	-30	-2.43	-0.001	±2.5	PASS

3 Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band4	1.4	20175	1	#0	QPSK	4.64	13	PASS
Band4	1.4	20175	1	#0	QAM16	5.54	13	PASS
Band4	3	20175	1	#0	QPSK	4.70	13	PASS
Band4	3	20175	1	#0	QAM16	5.54	13	PASS
Band4	5	20175	1	#0	QPSK	4.83	13	PASS
Band4	5	20175	1	#0	QAM16	5.78	13	PASS
Band4	10	20175	1	#0	QPSK	4.66	13	PASS
Band4	10	20175	1	#0	QAM16	5.56	13	PASS

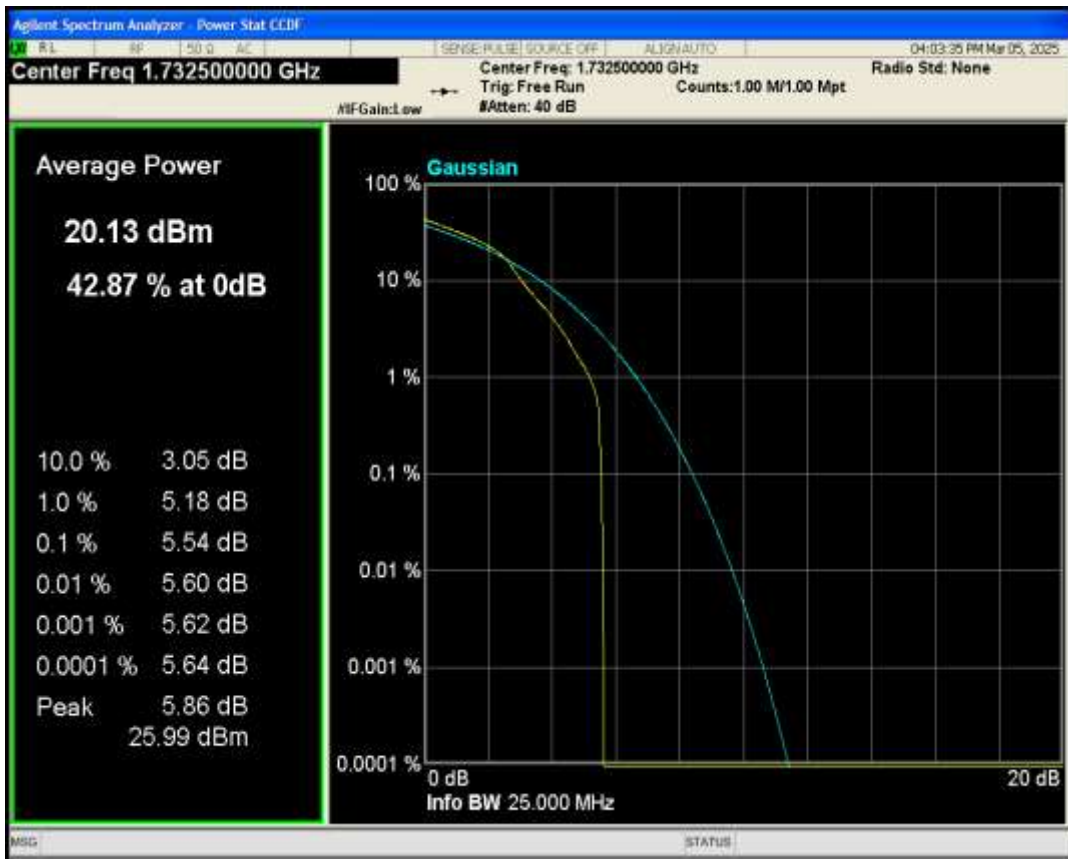
Report

Band4	15	20175	1	#0	QPSK	4.66	13	PASS
Band4	15	20175	1	#0	QAM16	5.50	13	PASS
Band4	20	20175	1	#0	QPSK	4.58	13	PASS
Band4	20	20175	1	#0	QAM16	5.41	13	PASS

Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0



Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=1 Position=#0



Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0



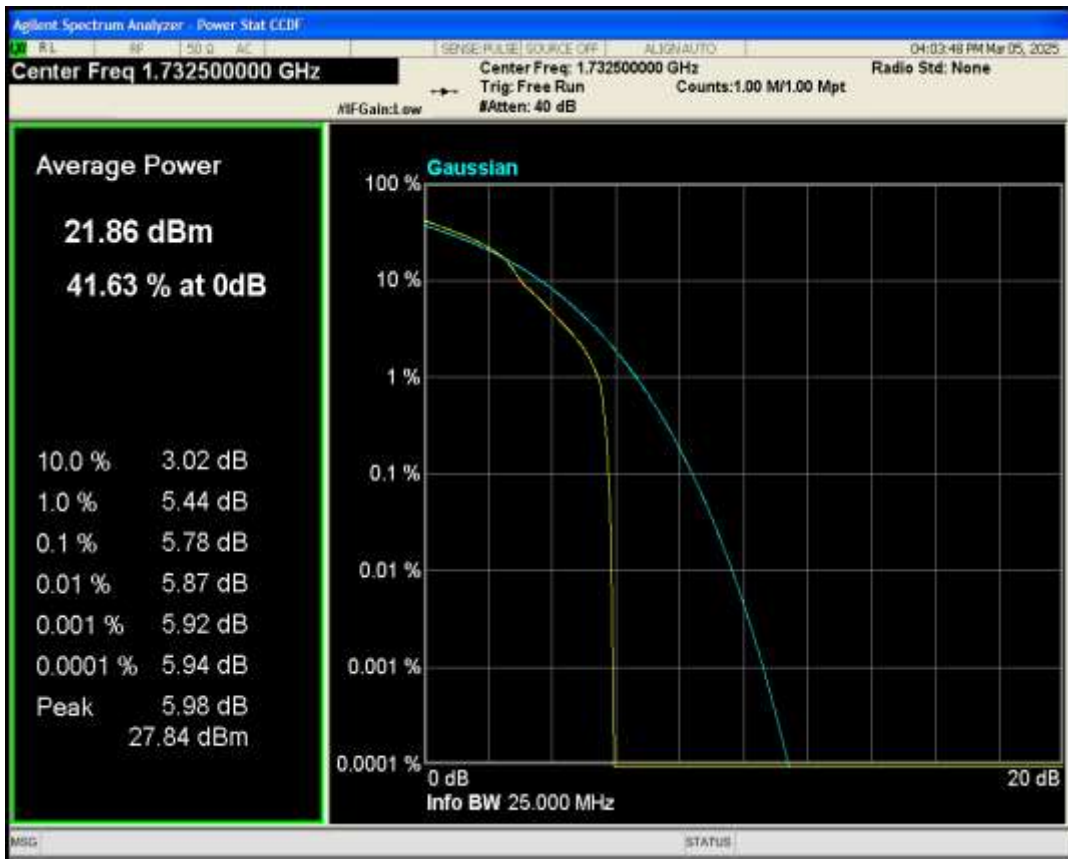
Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0



Band4 QAM16 BW=3MHz Channel=20175 RB Size=1 Position=#0



Band4 QAM16 BW=5MHz Channel=20175 RB Size=1 Position=#0



Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0



Band4 QAM16 BW=10MHz Channel=20175 RB Size=1 Position=#0



Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0



Band4 QAM16 BW=15MHz Channel=20175 RB Size=1 Position=#0



Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0



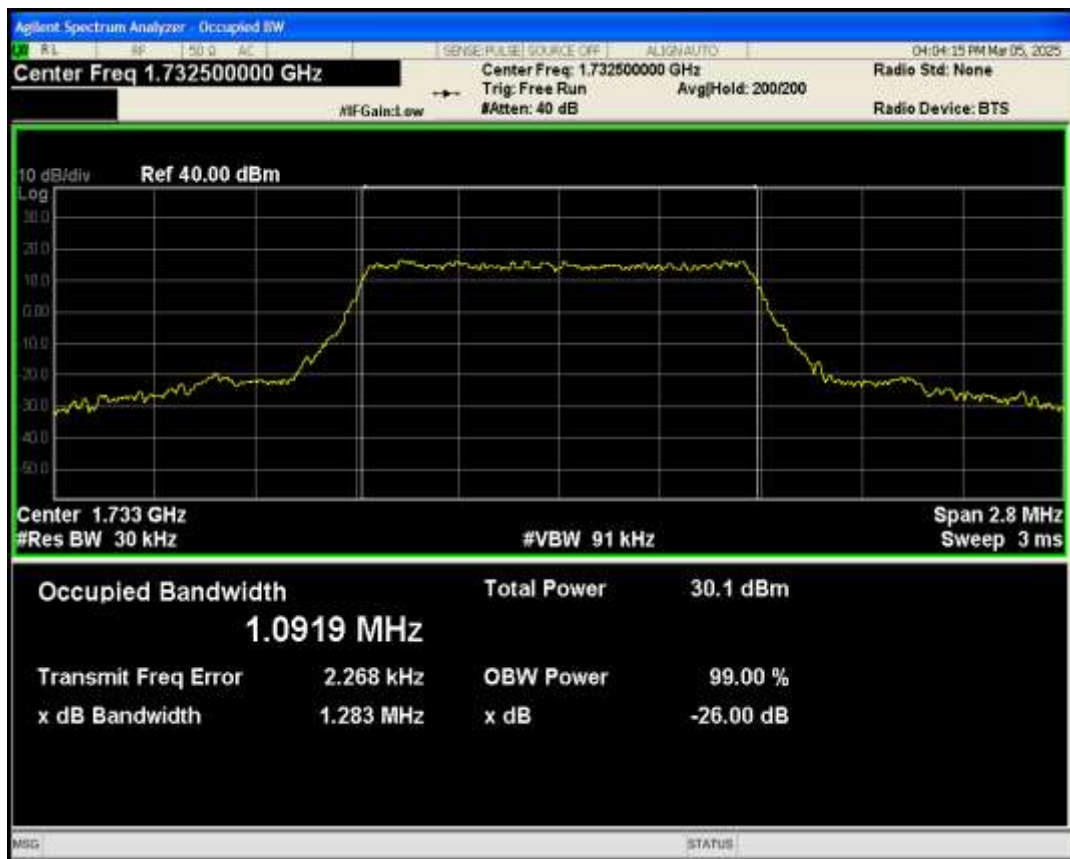
Band4 QAM16 BW=20MHz Channel=20175 RB Size=1 Position=#0



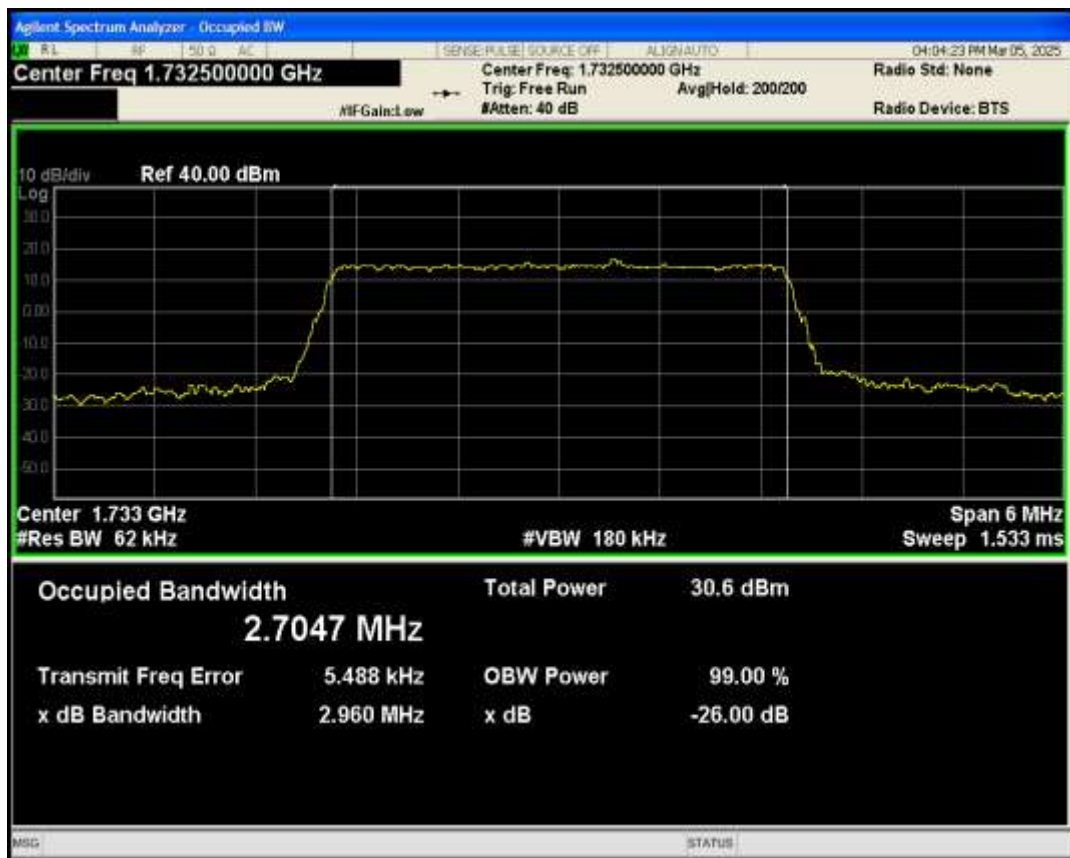
4 Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band4	1.4	20175	6	#0	QPSK	1.092	1.283	PASS
Band4	1.4	20175	6	#0	QAM16	1.103	1.287	PASS
Band4	3	20175	15	#0	QPSK	2.705	2.960	PASS
Band4	3	20175	15	#0	QAM16	2.700	2.968	PASS
Band4	5	20175	25	#0	QPSK	4.517	5.008	PASS
Band4	5	20175	25	#0	QAM16	4.512	5.028	PASS
Band4	10	20175	50	#0	QPSK	8.995	9.818	PASS
Band4	10	20175	50	#0	QAM16	8.950	9.748	PASS
Band4	15	20175	75	#0	QPSK	13.426	14.566	PASS
Band4	15	20175	75	#0	QAM16	13.439	14.603	PASS
Band4	20	20175	100	#0	QPSK	17.959	19.160	PASS
Band4	20	20175	100	#0	QAM16	17.872	19.276	PASS

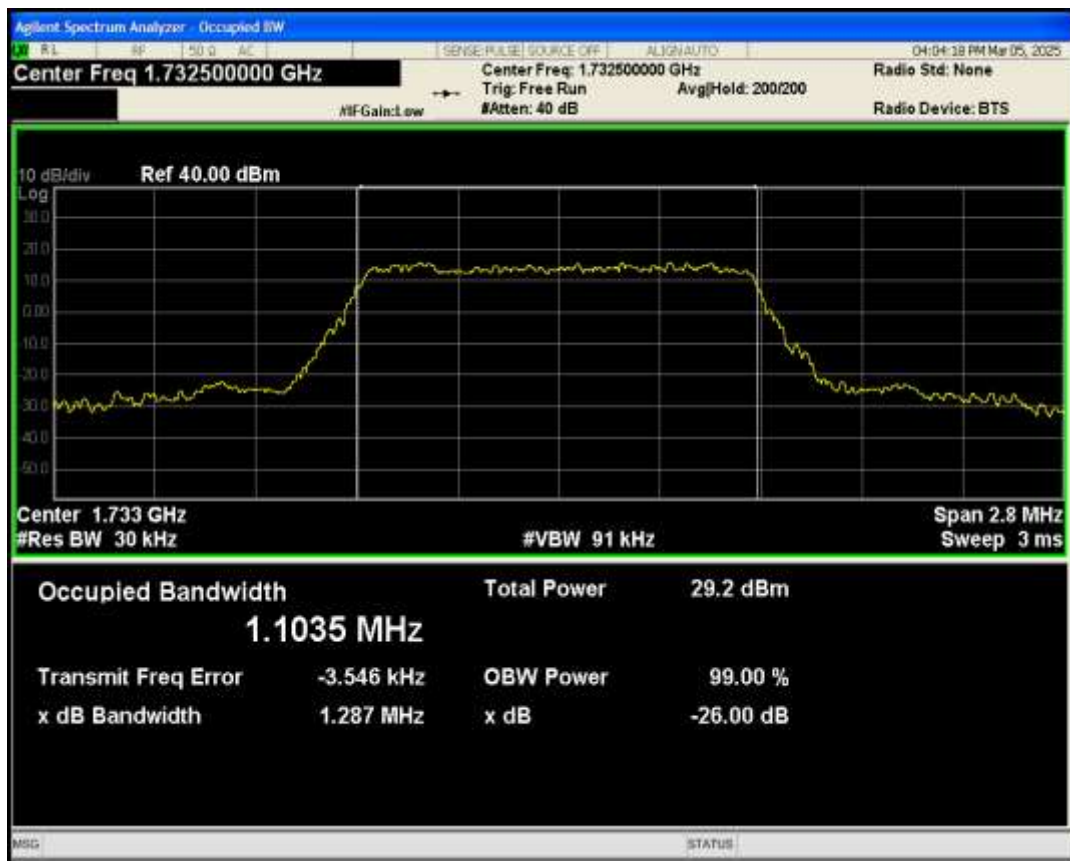
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



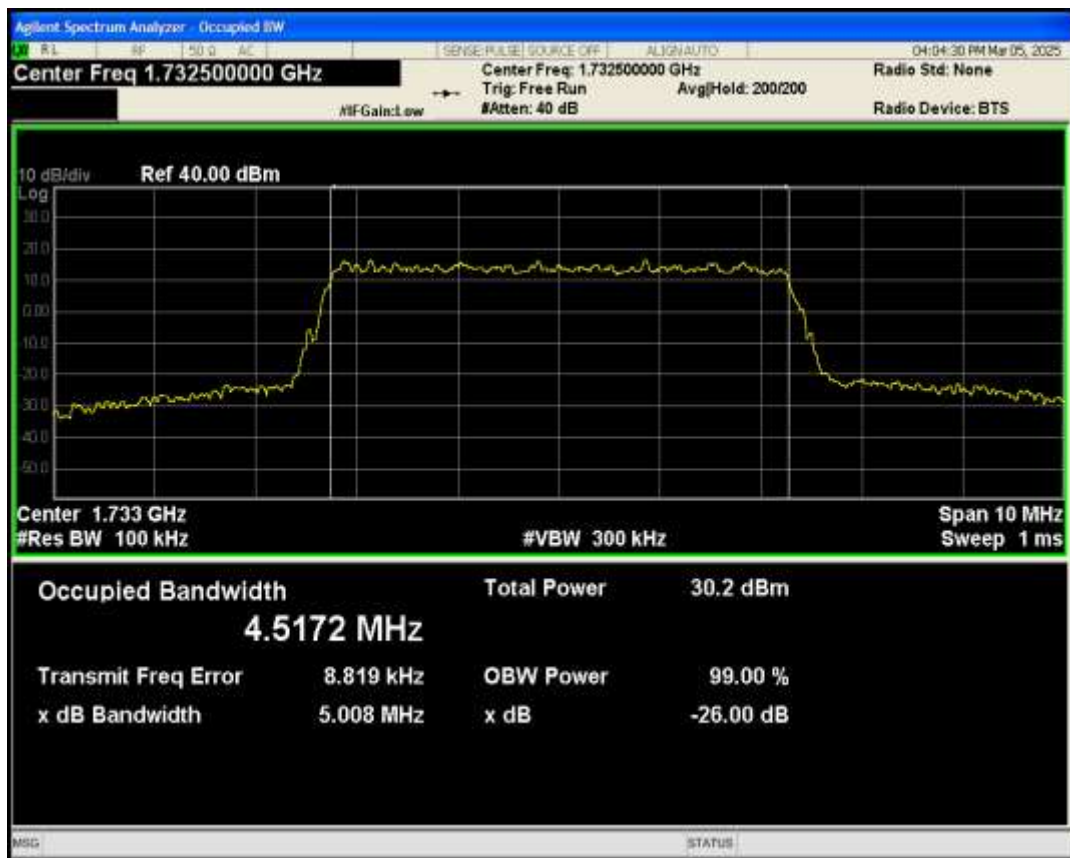
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



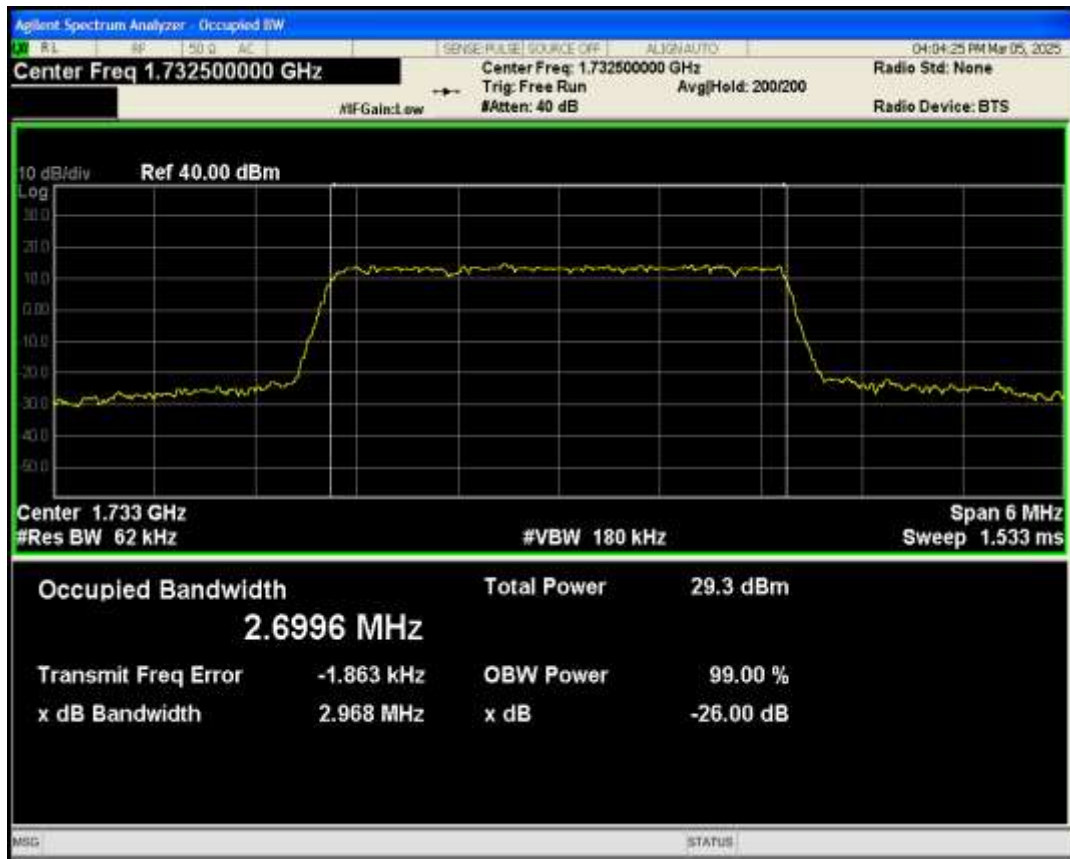
Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=6 Position=#0



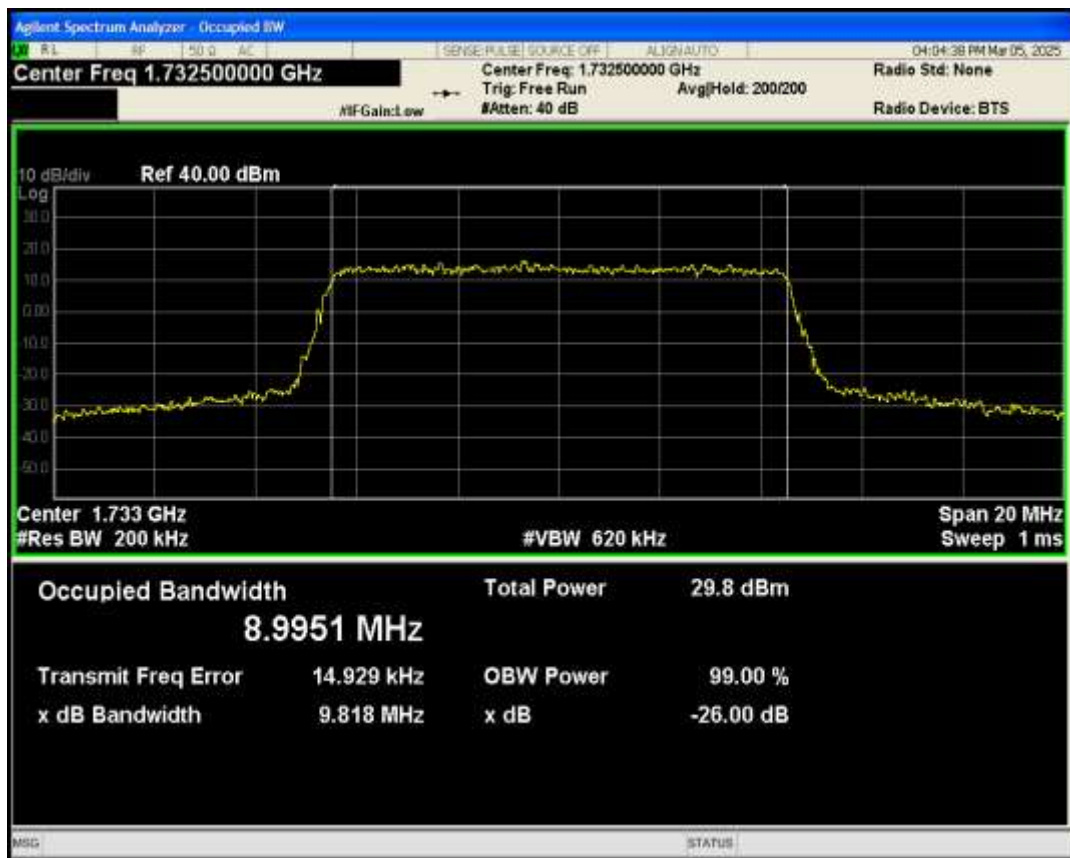
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0



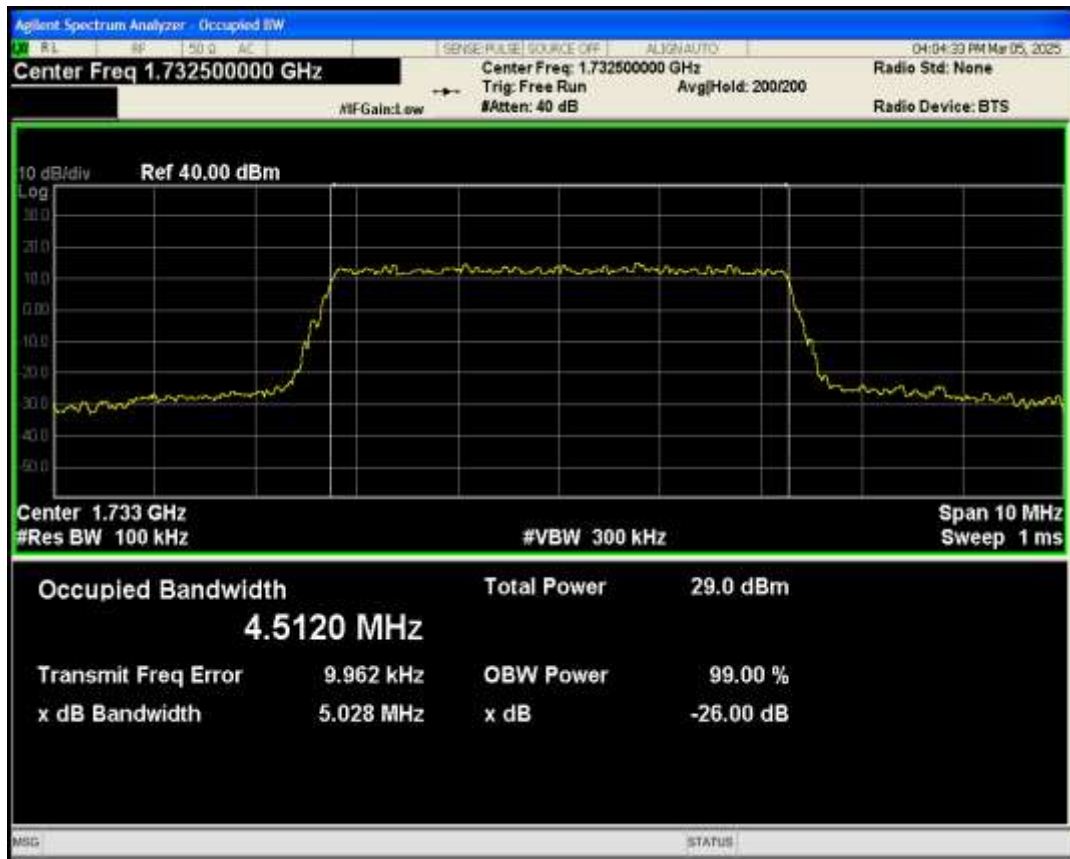
Band4 QAM16 BW=3MHz Channel=20175 RB Size=15 Position=#0



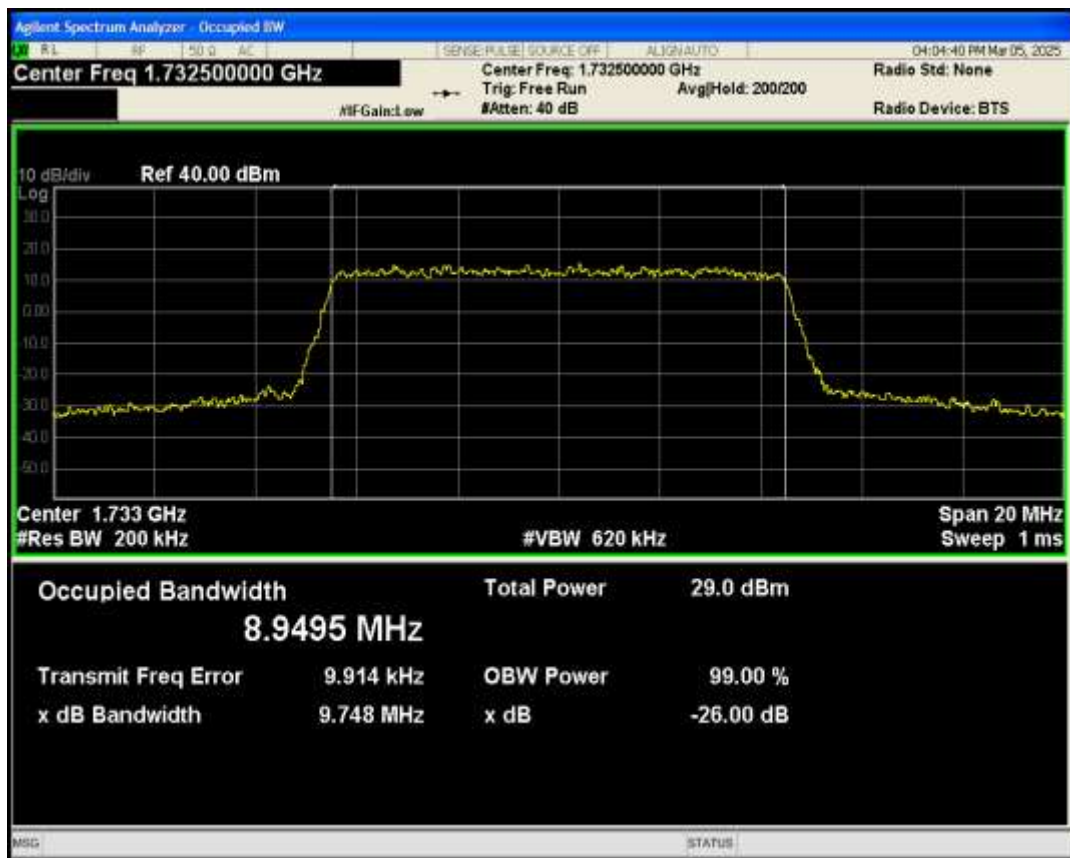
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



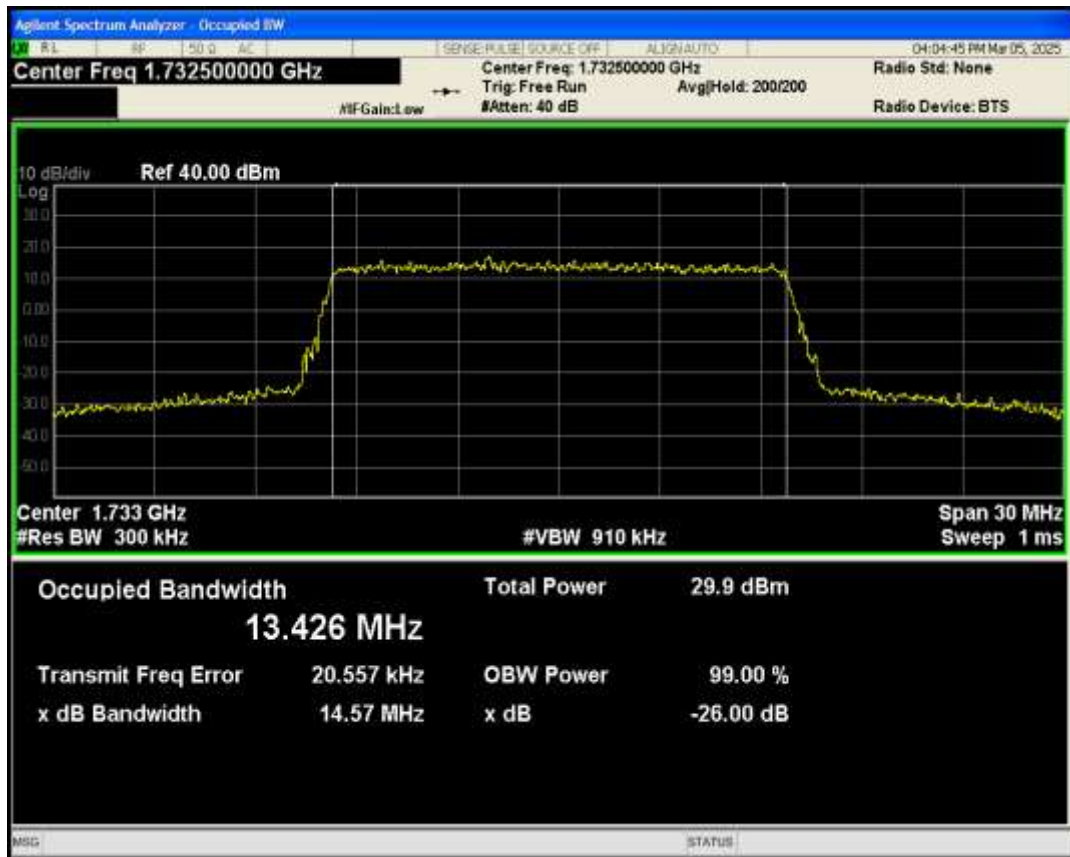
Band4 QAM16 BW=5MHz Channel=20175 RB Size=25 Position=#0



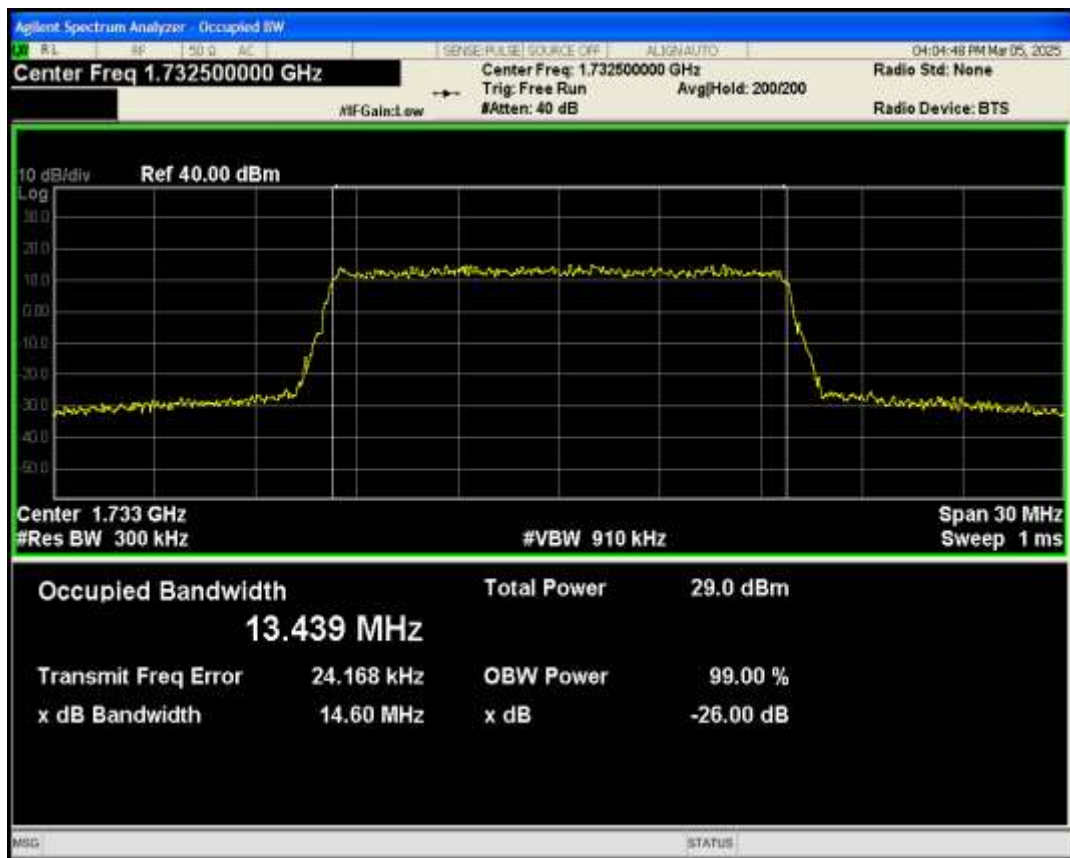
Band4 QAM16 BW=10MHz Channel=20175 RB Size=50 Position=#0



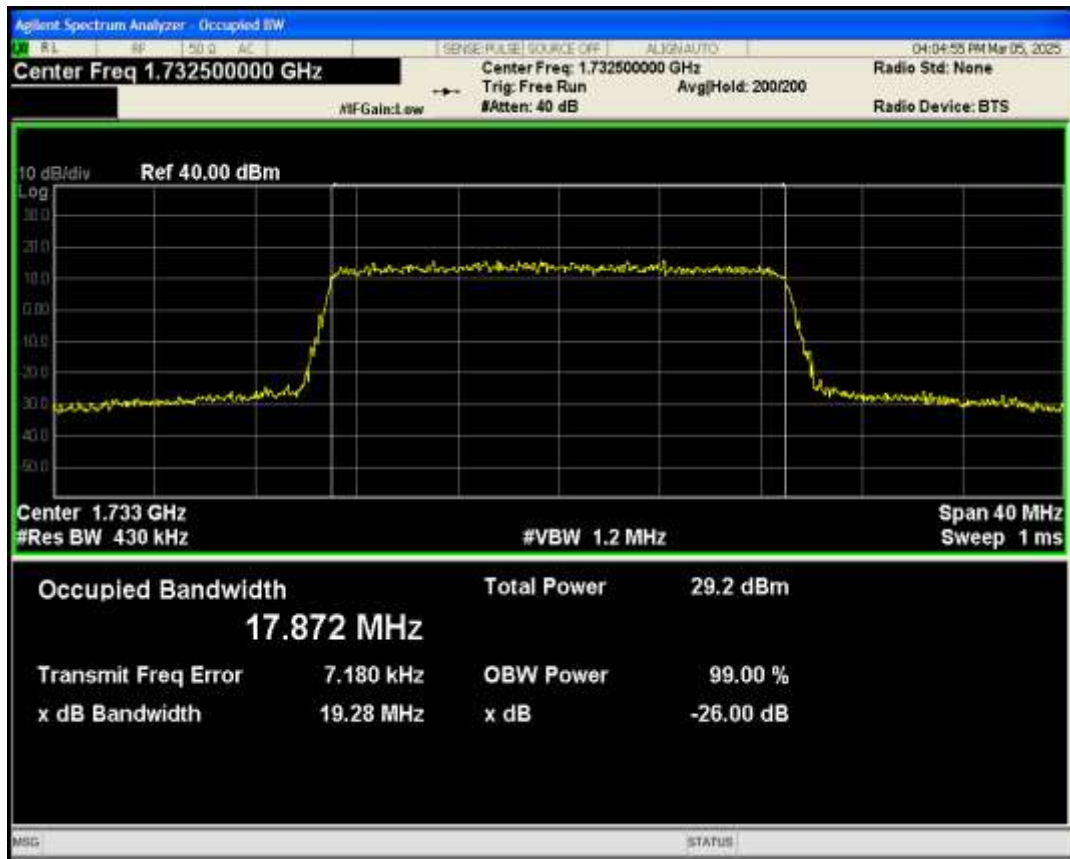
Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



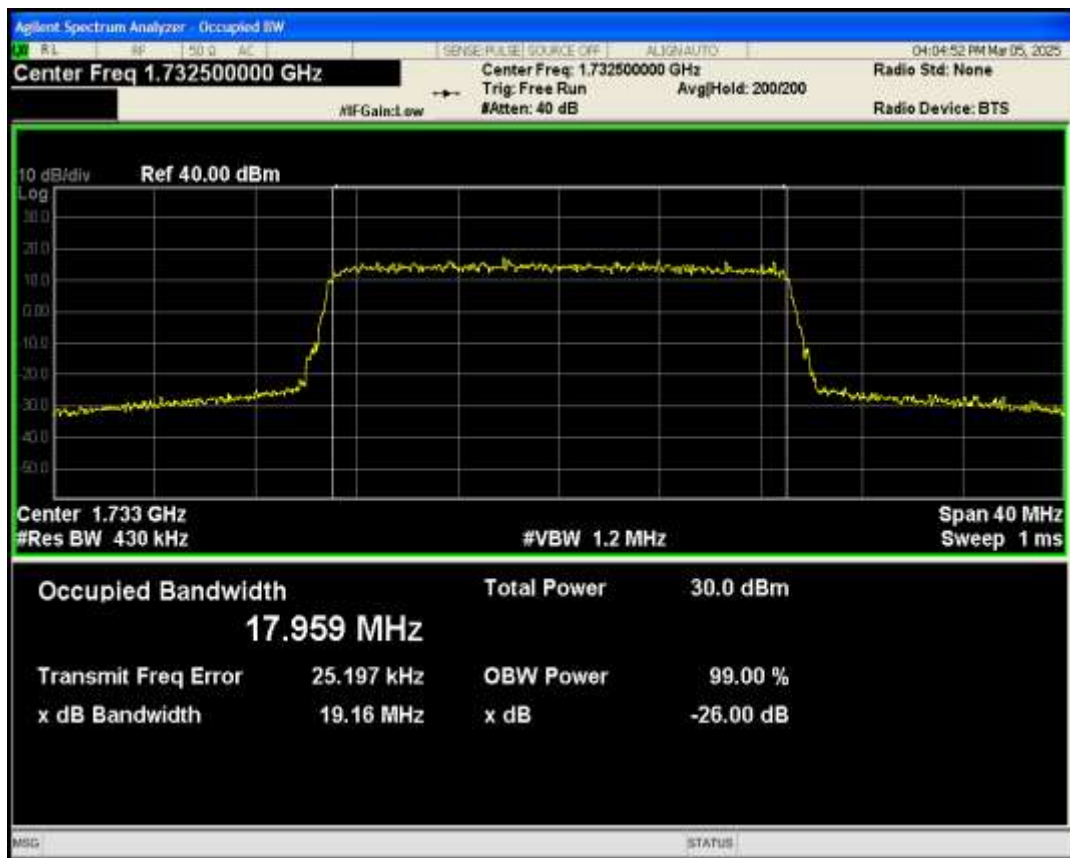
Band4 QAM16 BW=15MHz Channel=20175 RB Size=75 Position=#0



Band4 QAM16 BW=20MHz Channel=20175 RB Size=100 Position=#0



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



5 Band edge

Report

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band4	1.4	19957	6	#0	QPSK	1710.00	-29.85	-13	PASS
Band4	1.4	19957	6	#0	QAM16	1710.00	-31.84	-13	PASS
Band4	1.4	20393	6	#0	QPSK	1755.00	-29.87	-13	PASS
Band4	1.4	20393	6	#0	QAM16	1755.00	-31.67	-13	PASS
Band4	3	19965	15	#0	QPSK	1710.00	-27.43	-13	PASS
Band4	3	19965	15	#0	QAM16	1710.00	-29.47	-13	PASS
Band4	3	20385	15	#0	QPSK	1755.00	-28.72	-13	PASS
Band4	3	20385	15	#0	QAM16	1755.00	-29.36	-13	PASS
Band4	5	19975	25	#0	QPSK	1710.00	-30.04	-13	PASS
Band4	5	19975	25	#0	QAM16	1710.00	-28.70	-13	PASS
Band4	5	20375	25	#0	QPSK	1755.00	-29.05	-13	PASS
Band4	5	20375	25	#0	QAM16	1755.00	-30.07	-13	PASS
Band4	10	20000	50	#0	QPSK	1710.00	-31.81	-13	PASS
Band4	10	20000	50	#0	QAM16	1709.94	-34.41	-13	PASS
Band4	10	20350	50	#0	QPSK	1755.00	-31.67	-13	PASS
Band4	10	20350	50	#0	QAM16	1755.02	-31.85	-13	PASS
Band4	15	20025	75	#0	QPSK	1710.00	-35.30	-13	PASS
Band4	15	20025	75	#0	QAM16	1710.00	-36.47	-13	PASS
Band4	15	20325	75	#0	QPSK	1755.27	-31.99	-13	PASS
Band4	15	20325	75	#0	QAM16	1755.03	-33.80	-13	PASS
Band4	20	20050	100	#0	QPSK	1709.88	-35.17	-13	PASS
Band4	20	20050	100	#0	QAM16	1709.96	-36.23	-13	PASS
Band4	20	20300	100	#0	QPSK	1755.04	-33.76	-13	PASS
Band4	20	20300	100	#0	QAM16	1755.20	-36.14	-13	PASS

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



Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0



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



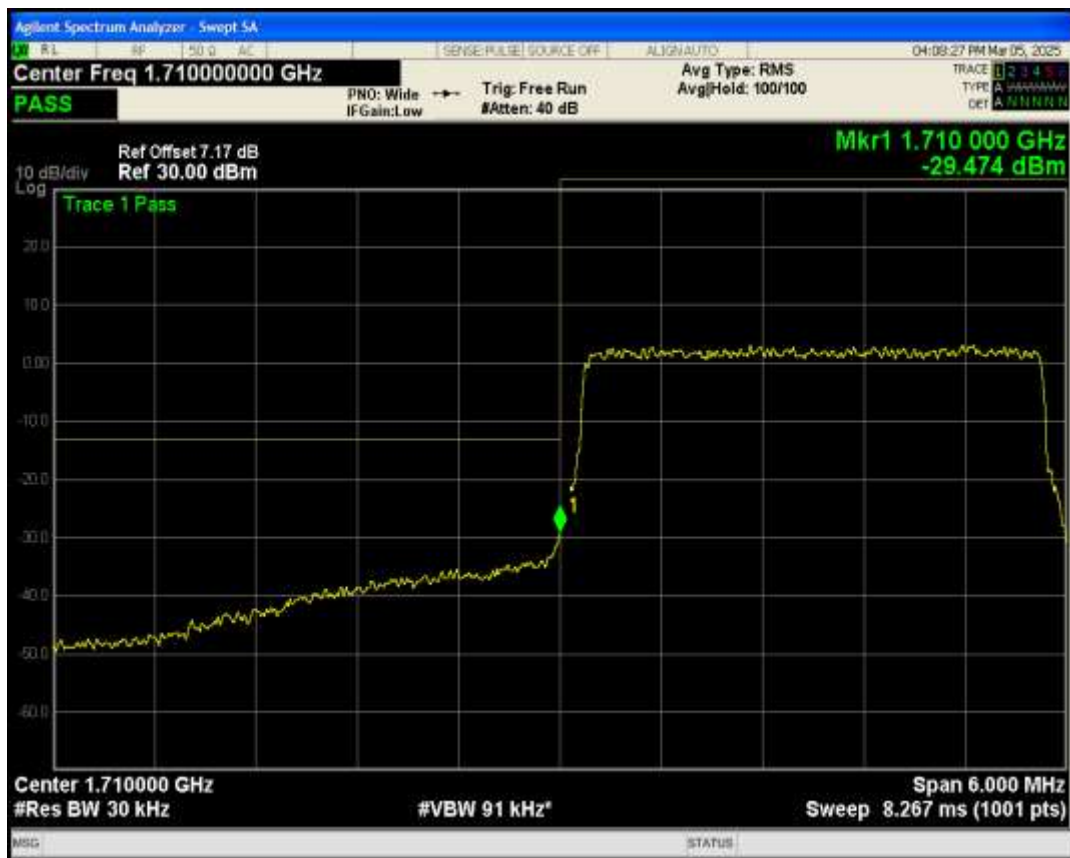
Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0



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



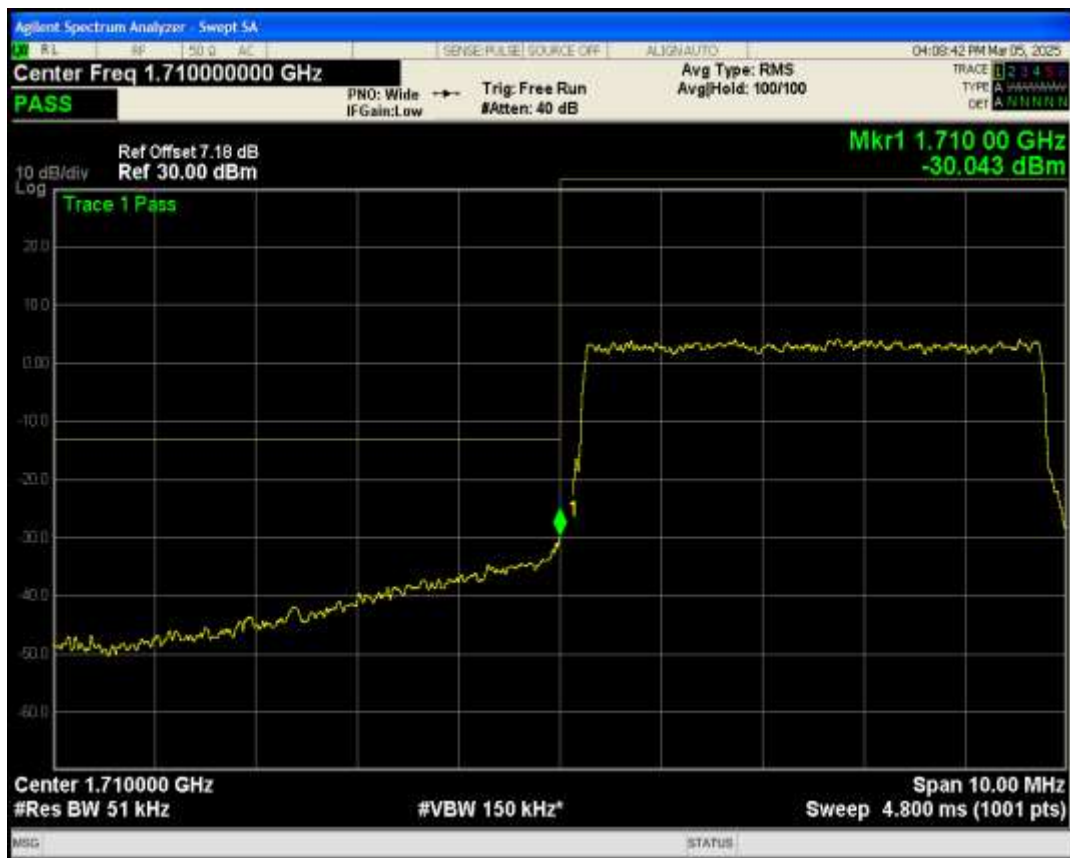
Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0



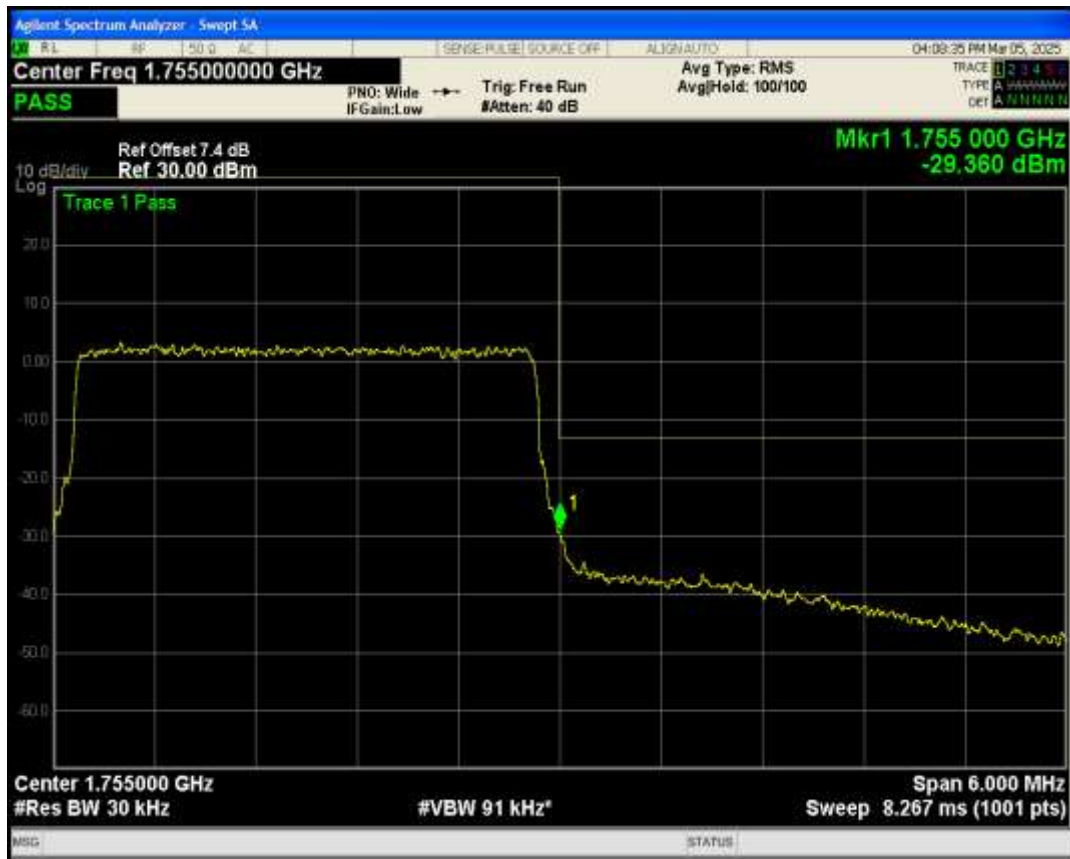
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



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



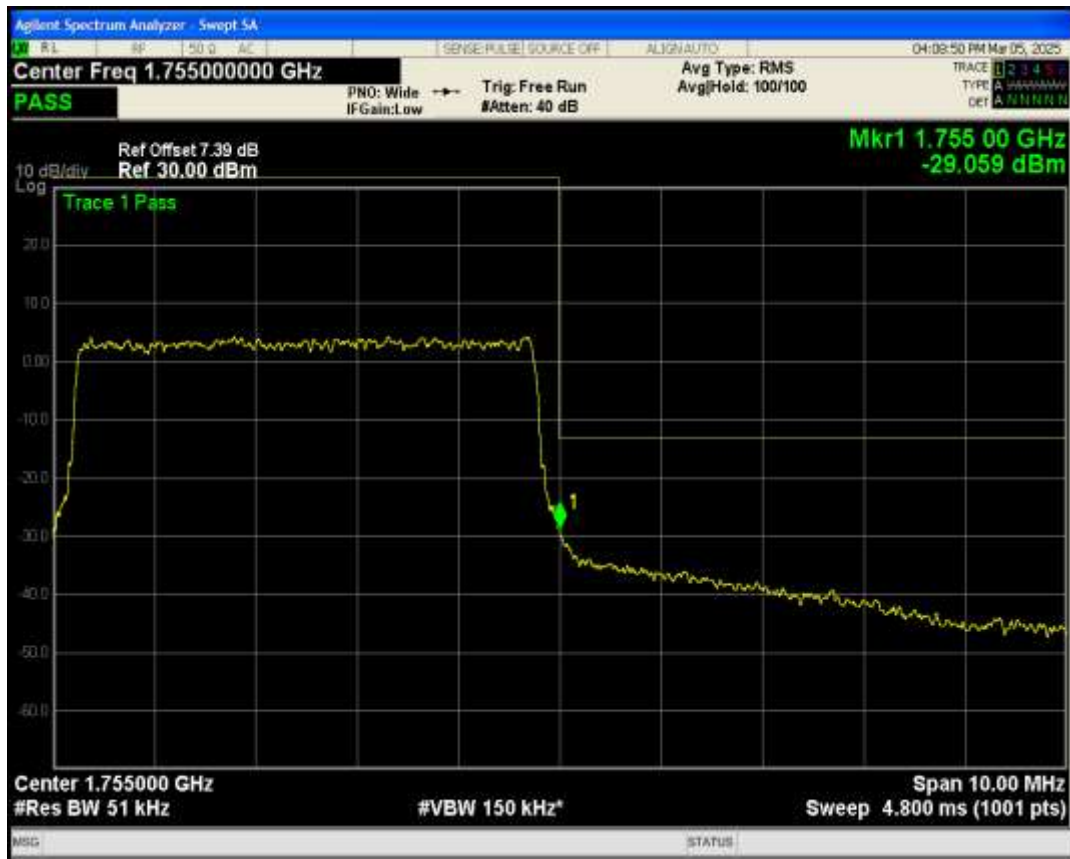
Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0



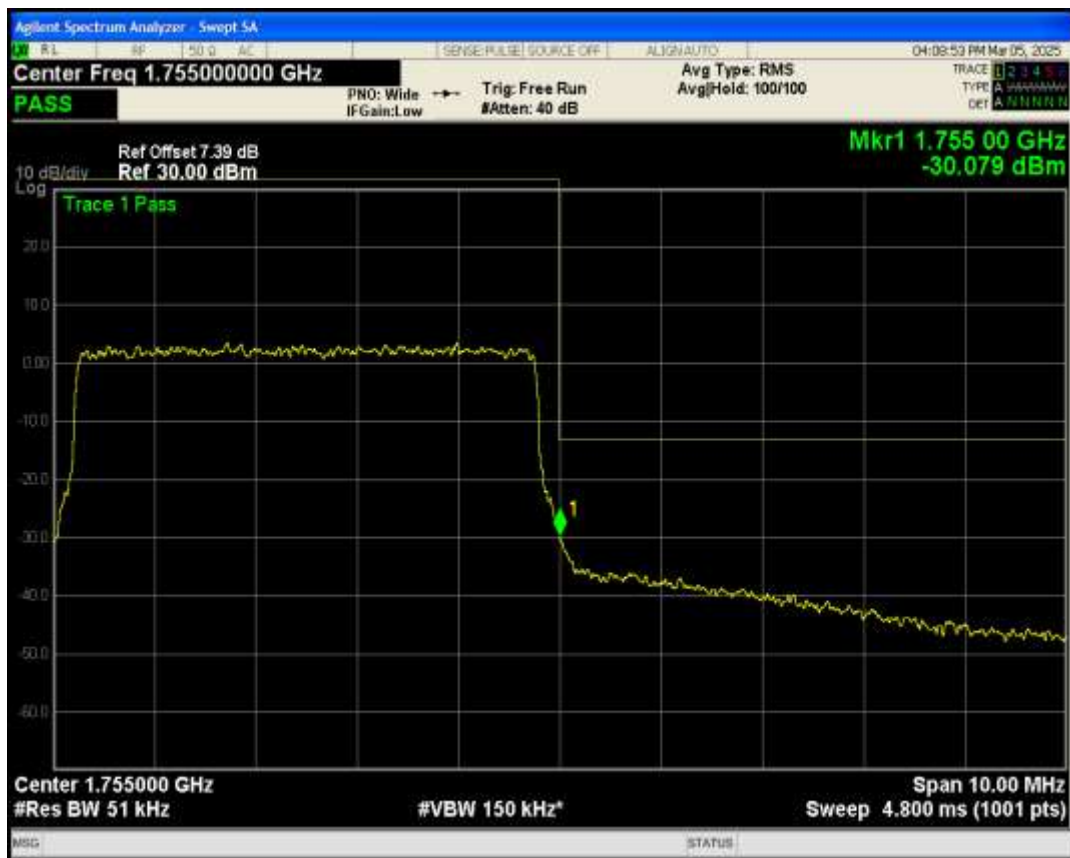
Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0



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



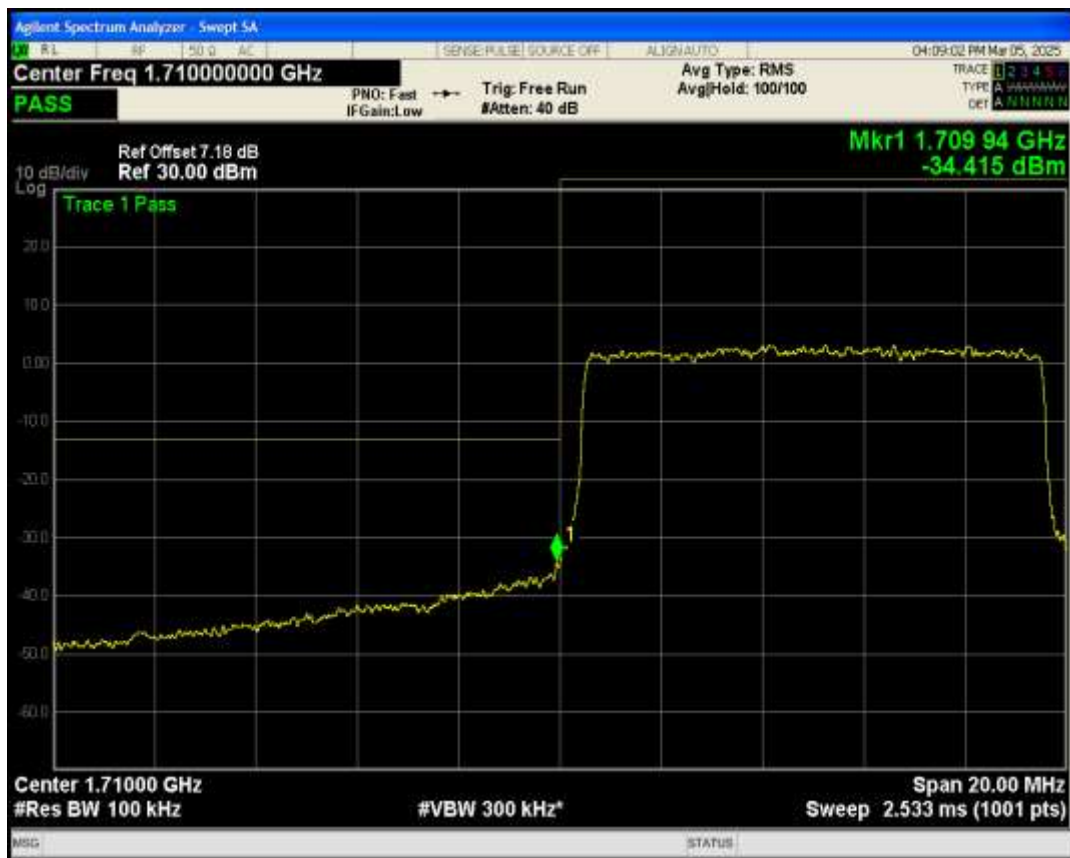
Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0



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



Band4 QAM16 BW=10MHz Channel=20000 RB Size=50 Position=#0



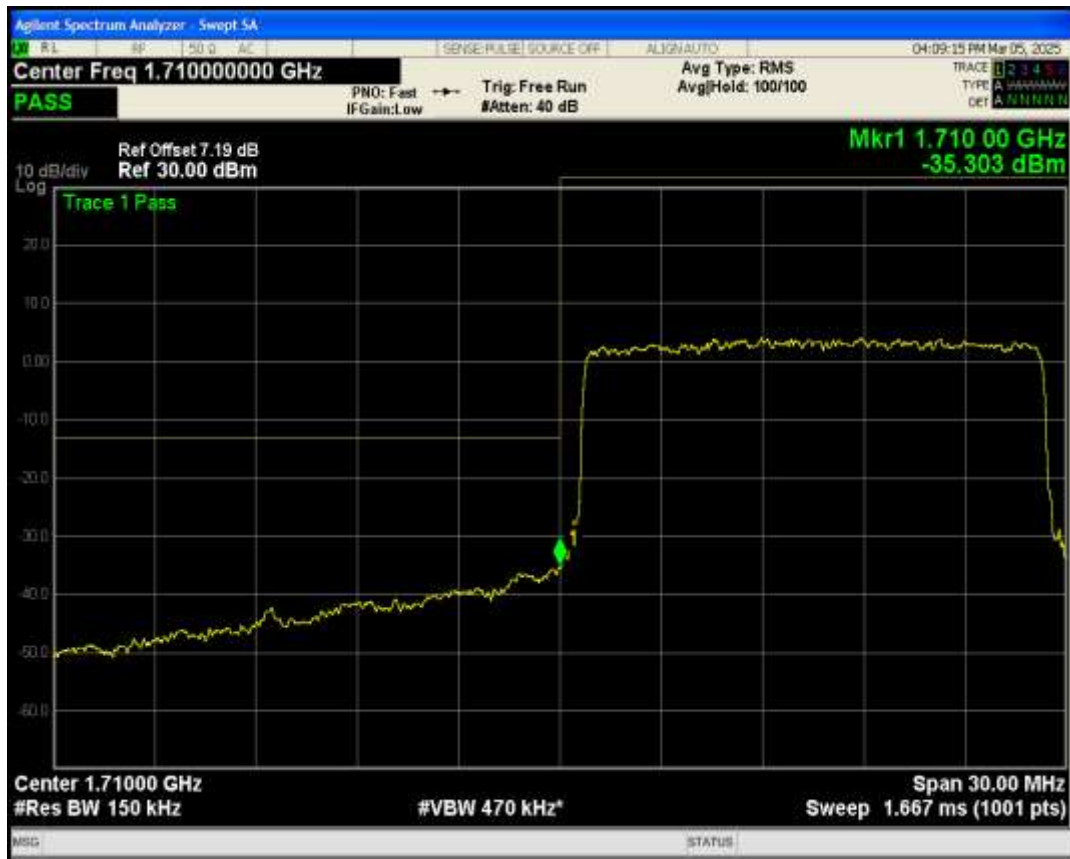
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



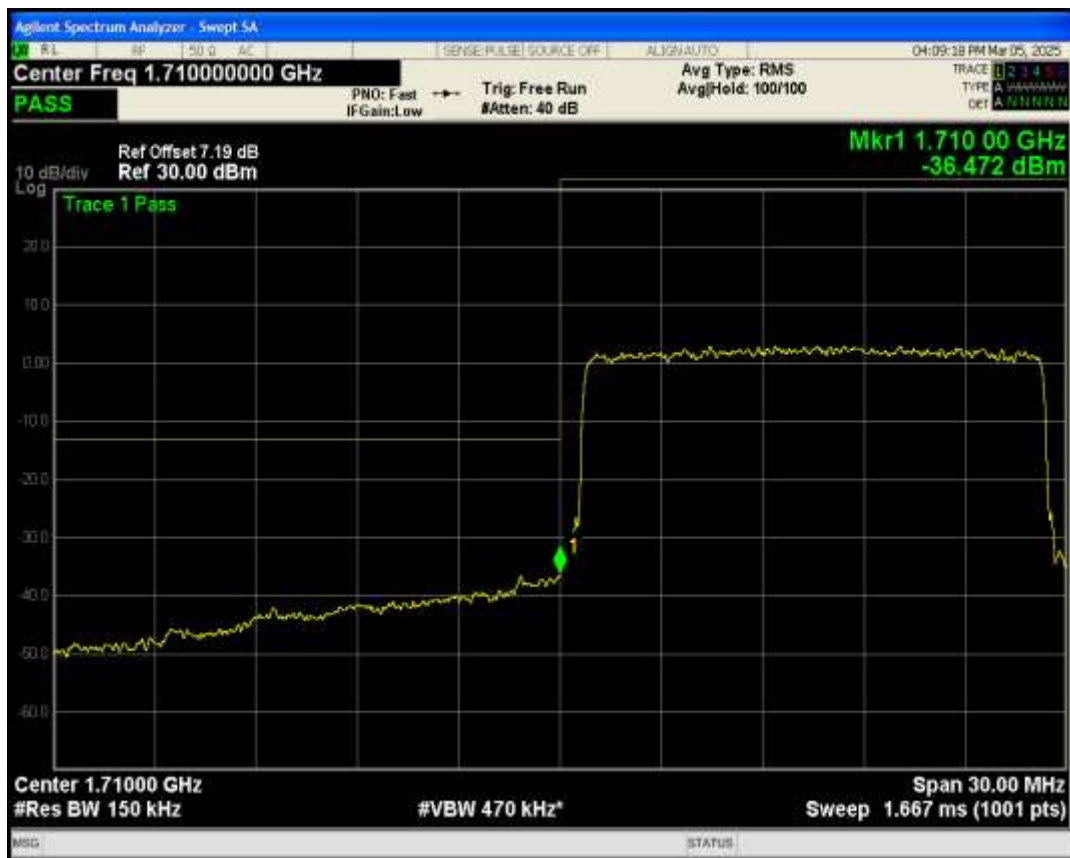
Band4 QAM16 BW=10MHz Channel=20350 RB Size=50 Position=#0



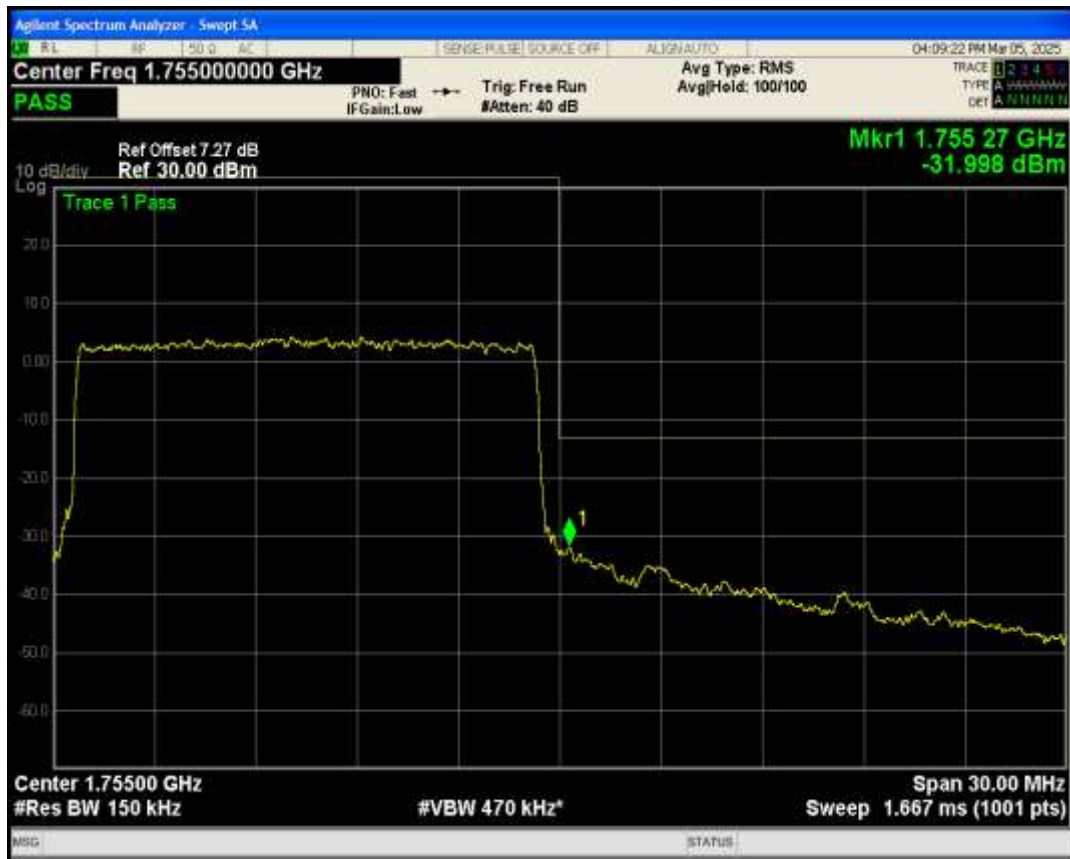
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0



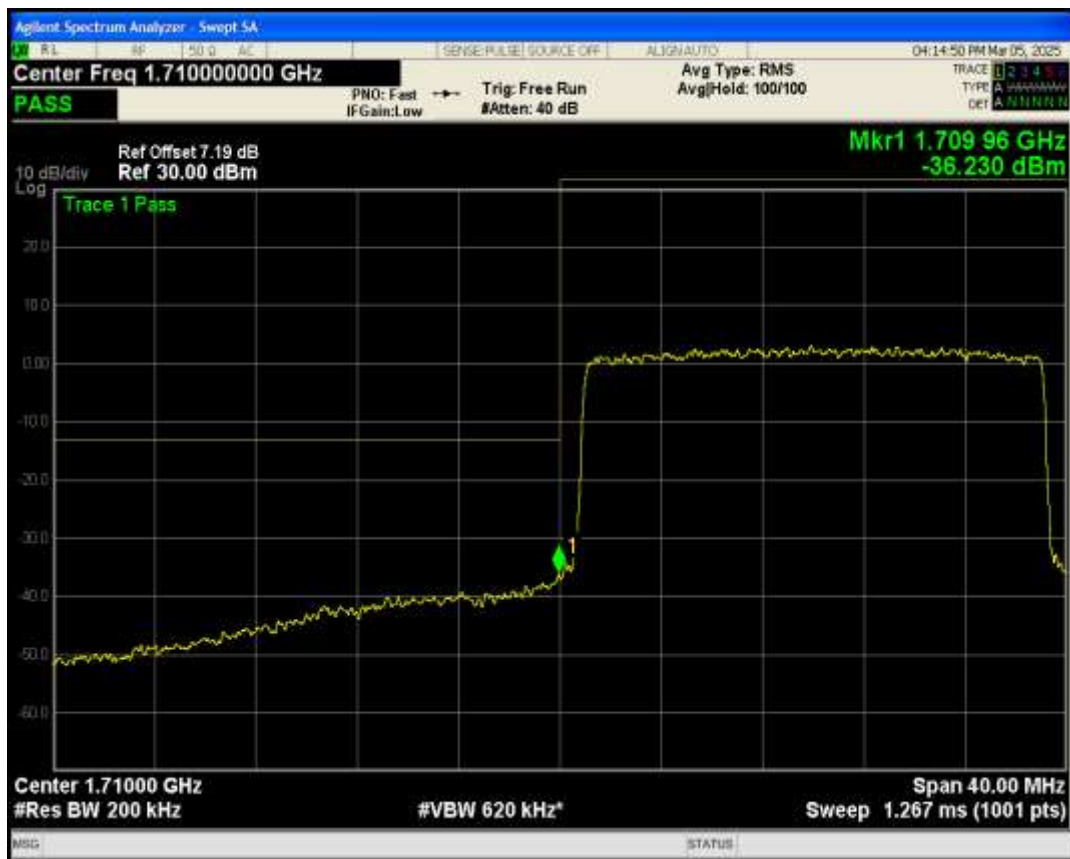
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



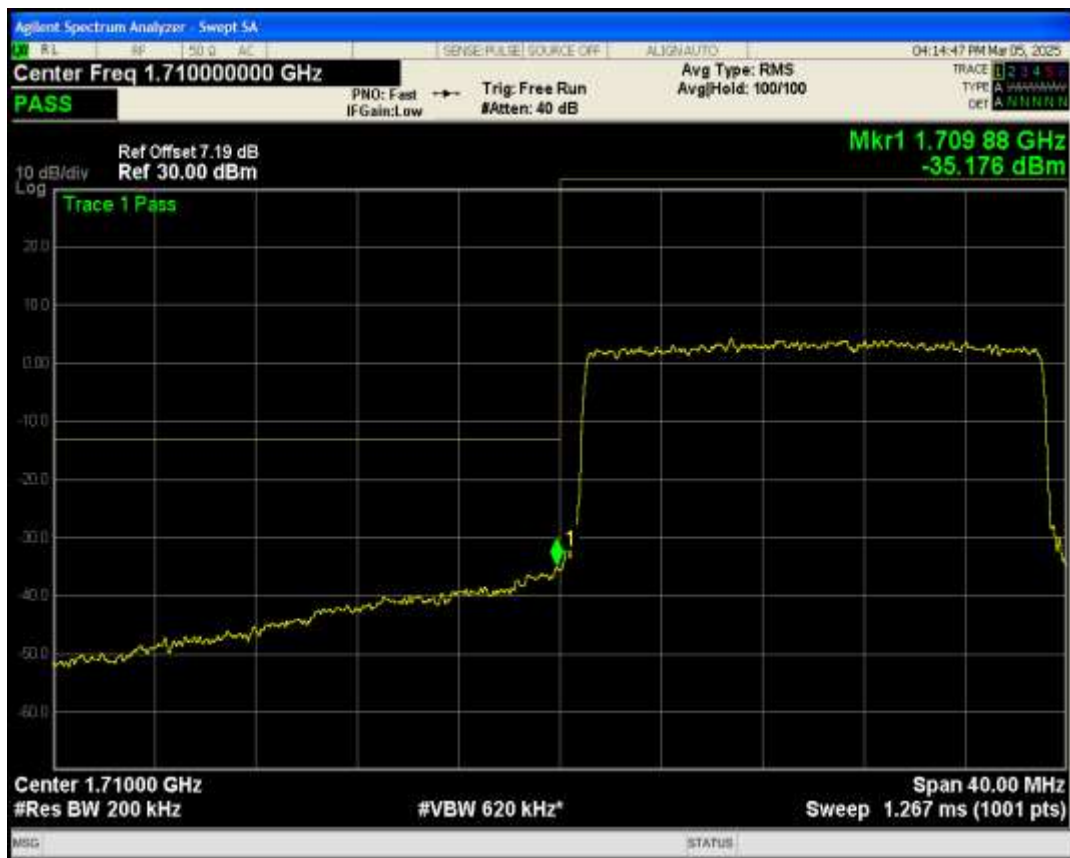
Band4 QAM16 BW=15MHz Channel=20325 RB Size=75 Position=#0



Band4 QAM16 BW=20MHz Channel=20050 RB Size=100 Position=#0



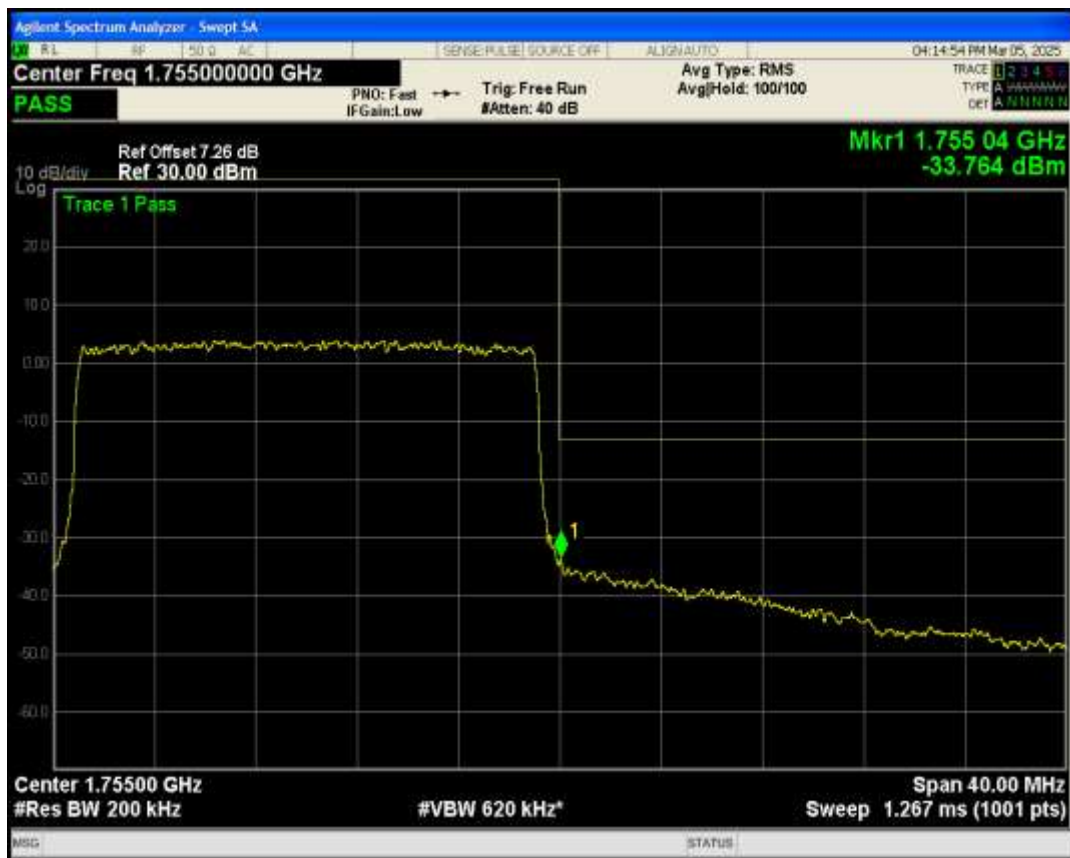
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



Band4 QAM16 BW=20MHz Channel=20300 RB Size=100 Position=#0



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

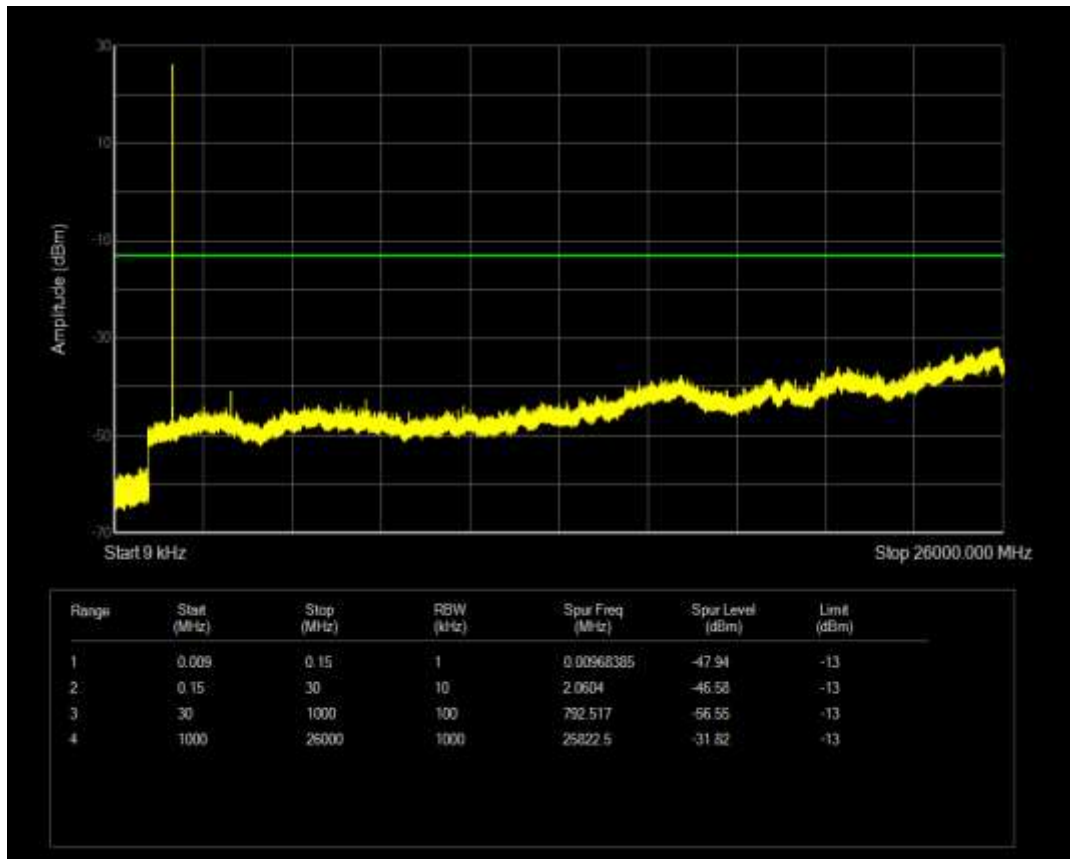


6 Out-of-band emissions

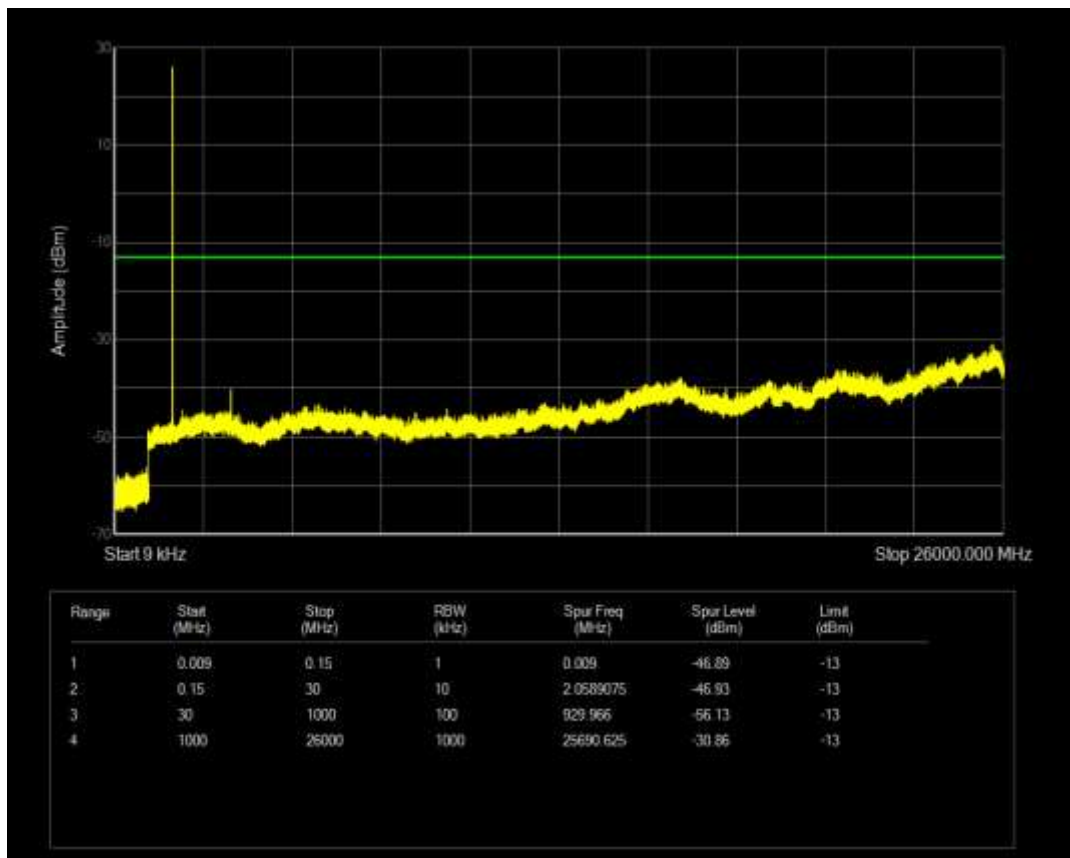
Report

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band4	1.4	19957	6	#0	QPSK	25822.50	-31.82	-13	PASS
Band4	1.4	19957	6	#0	QAM16	25690.63	-30.86	-13	PASS
Band4	1.4	20393	6	#0	QPSK	25753.75	-30.50	-13	PASS
Band4	1.4	20393	6	#0	QAM16	25421.88	-31.64	-13	PASS
Band4	3	19965	15	#0	QPSK	25776.25	-31.47	-13	PASS
Band4	3	19965	15	#0	QAM16	25769.38	-30.96	-13	PASS
Band4	3	20385	15	#0	QPSK	25764.38	-30.53	-13	PASS
Band4	3	20385	15	#0	QAM16	25794.38	-30.94	-13	PASS
Band4	5	19975	25	#0	QPSK	25633.75	-31.22	-13	PASS
Band4	5	19975	25	#0	QAM16	25620.63	-31.54	-13	PASS
Band4	5	20375	25	#0	QPSK	25715.63	-31.26	-13	PASS
Band4	5	20375	25	#0	QAM16	25706.88	-31.27	-13	PASS
Band4	10	20000	50	#0	QPSK	25646.88	-31.19	-13	PASS
Band4	10	20000	50	#0	QAM16	25418.13	-31.62	-13	PASS
Band4	10	20350	50	#0	QPSK	25765.00	-31.02	-13	PASS
Band4	10	20350	50	#0	QAM16	25835.63	-30.82	-13	PASS
Band4	15	20025	75	#0	QPSK	25848.13	-30.15	-13	PASS
Band4	15	20025	75	#0	QAM16	25743.75	-31.17	-13	PASS
Band4	15	20325	75	#0	QPSK	25831.88	-30.50	-13	PASS
Band4	15	20325	75	#0	QAM16	25783.13	-31.36	-13	PASS
Band4	20	20050	100	#0	QPSK	25740.00	-31.67	-13	PASS
Band4	20	20050	100	#0	QAM16	25868.13	-30.85	-13	PASS
Band4	20	20300	100	#0	QPSK	25666.25	-31.24	-13	PASS
Band4	20	20300	100	#0	QAM16	25775.00	-30.79	-13	PASS

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



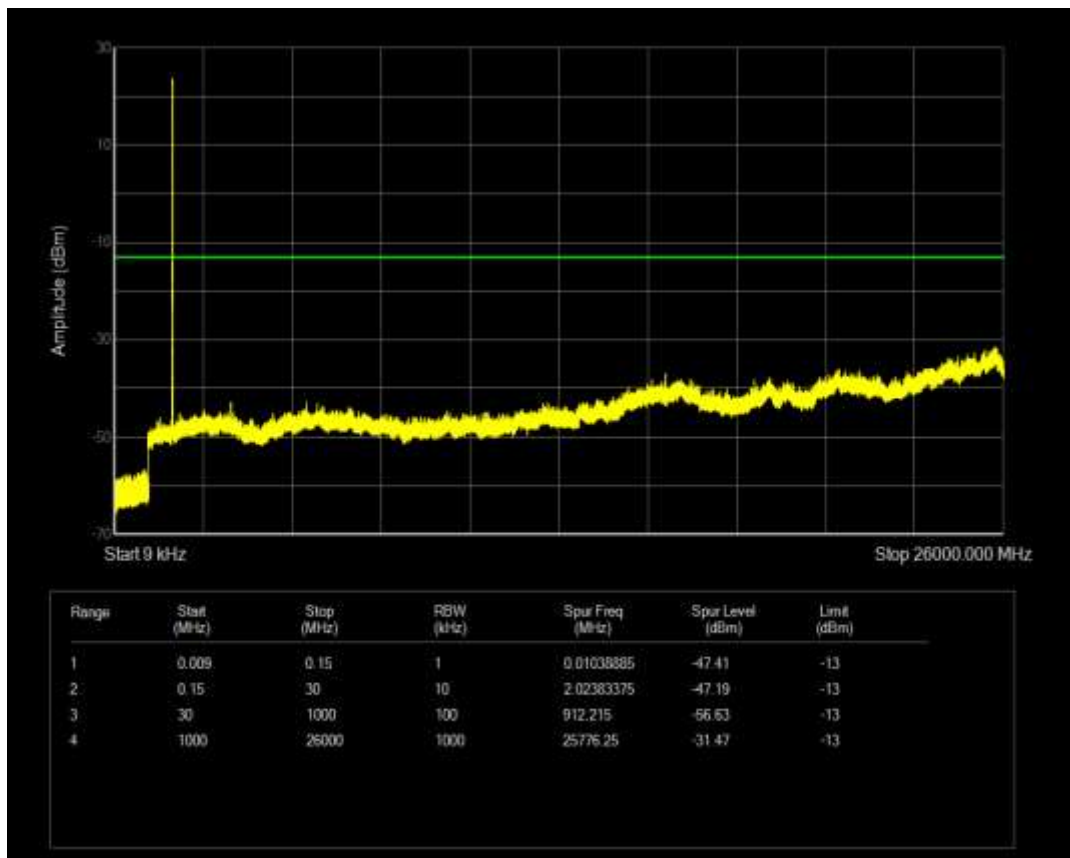
Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0



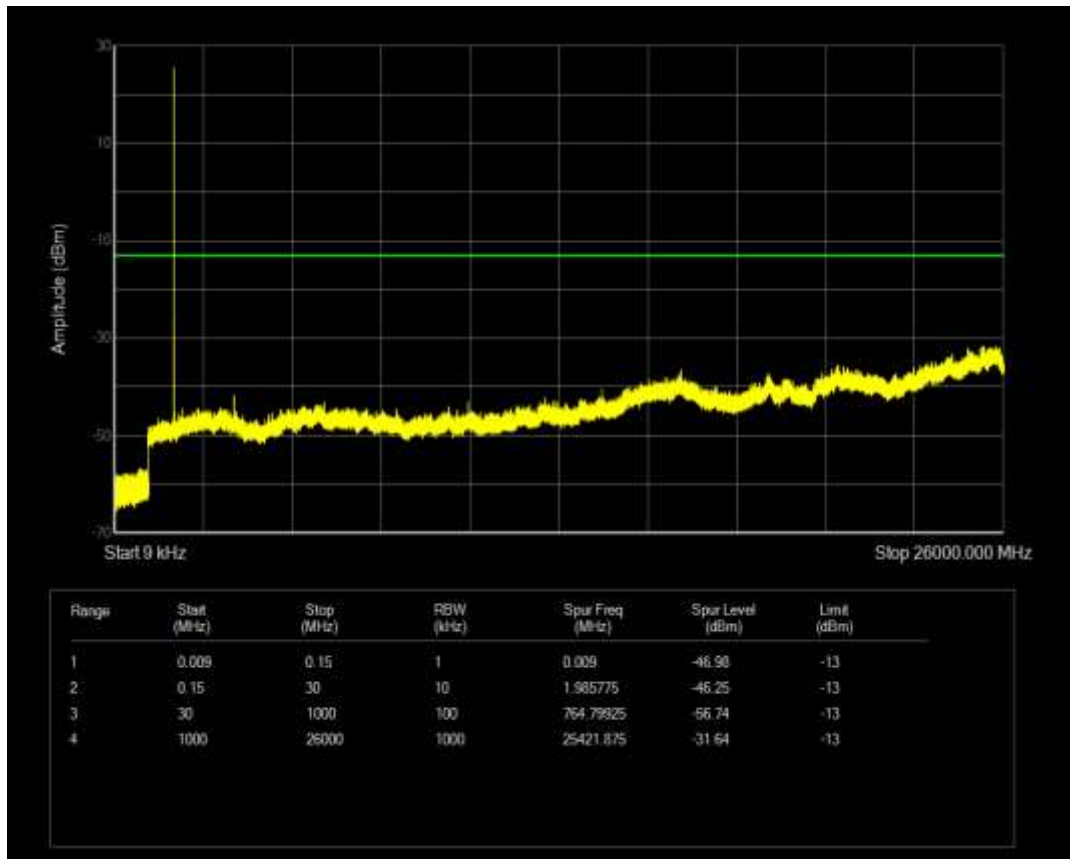
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



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



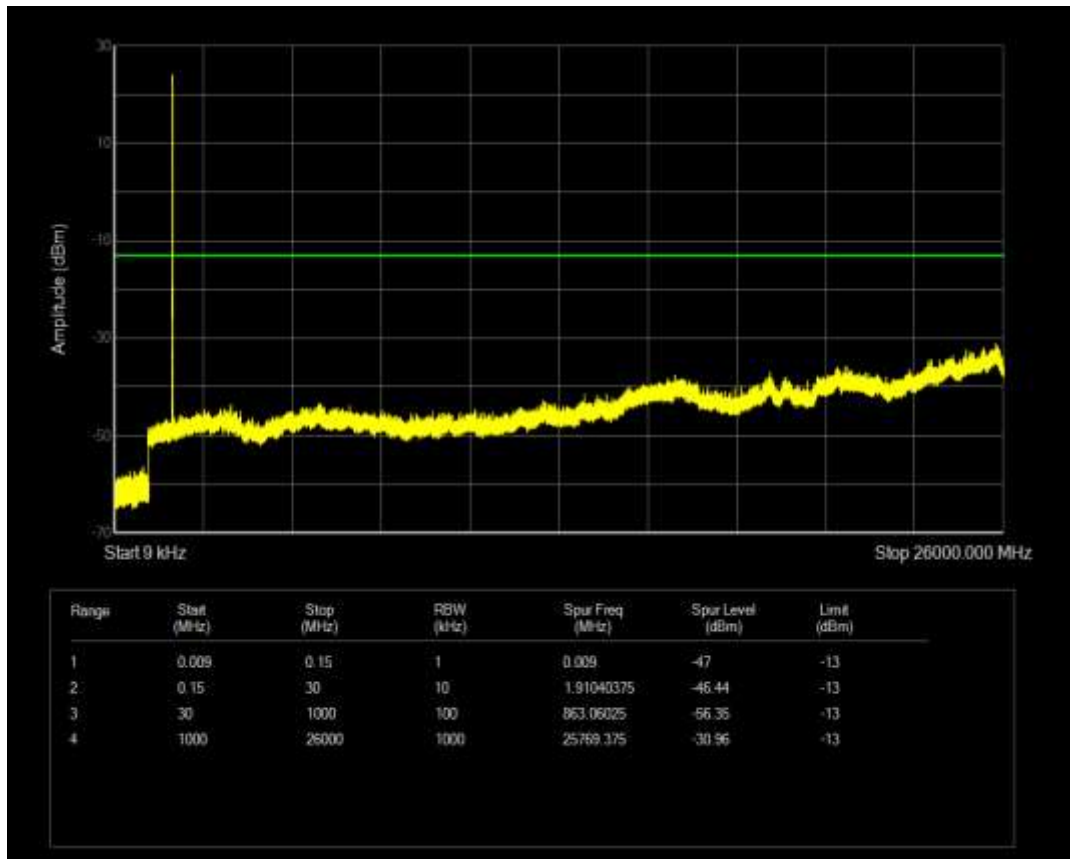
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Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



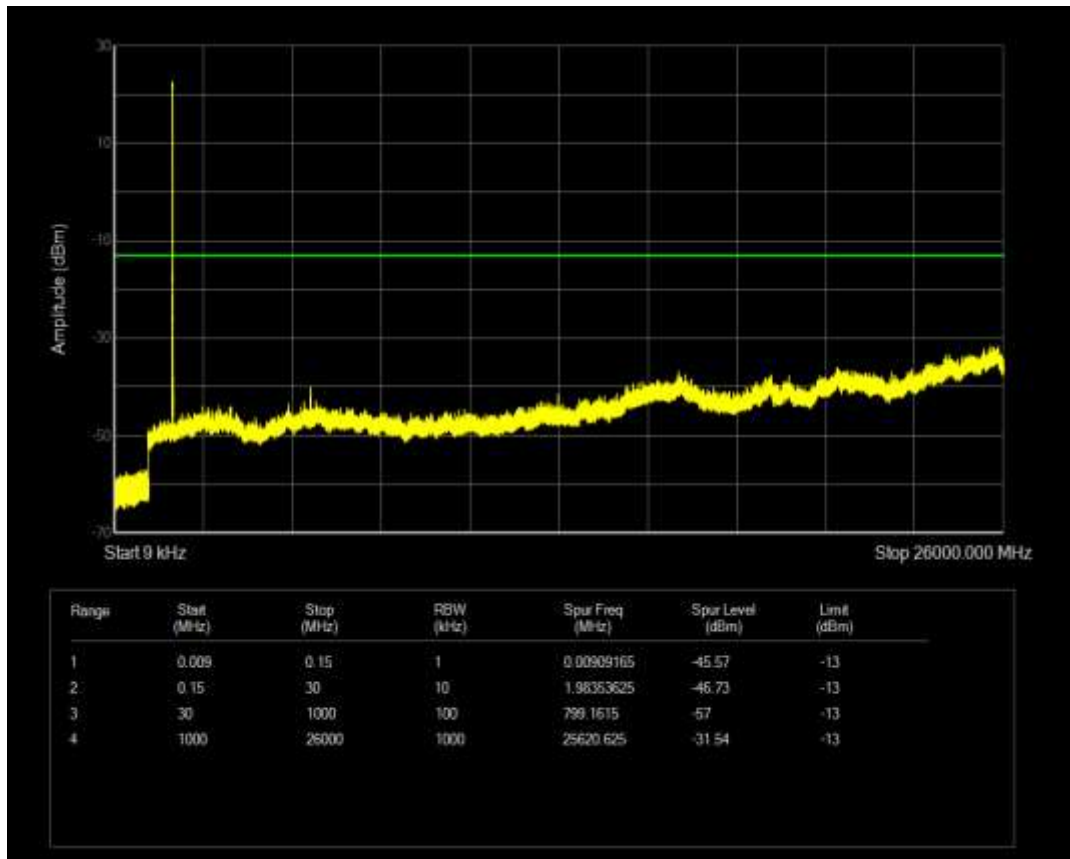
Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0



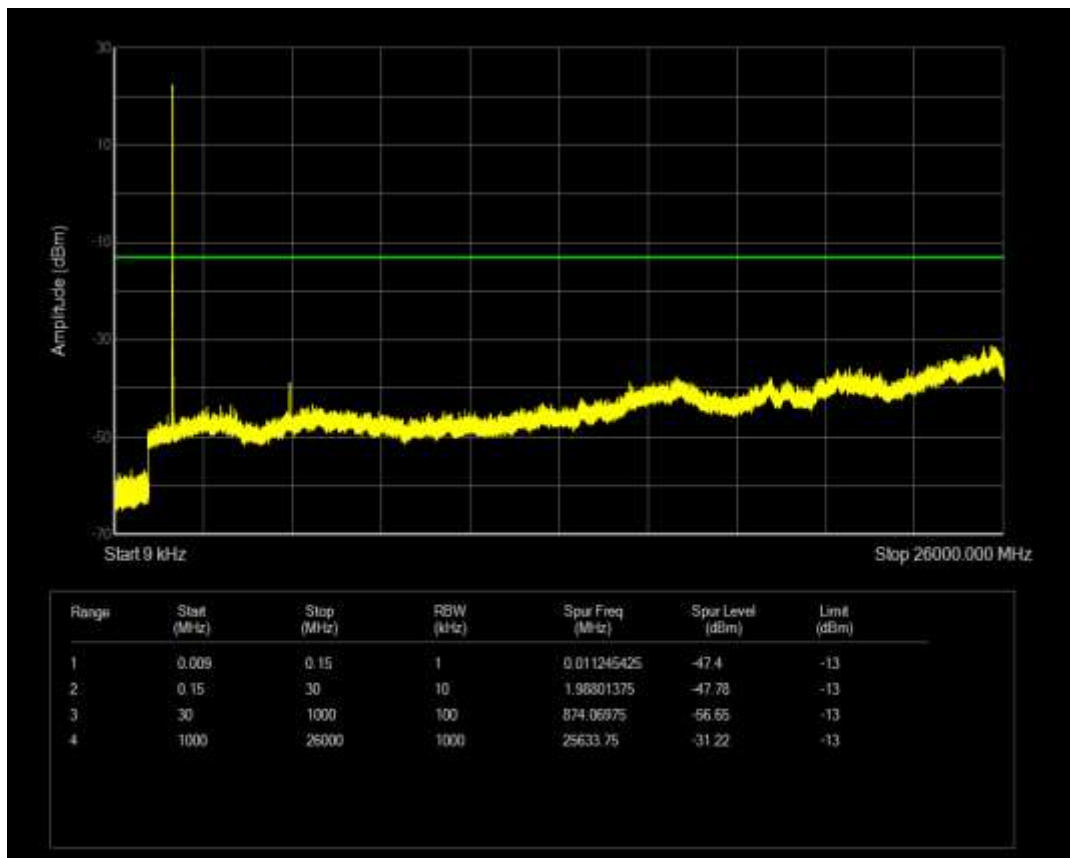
Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0



Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0



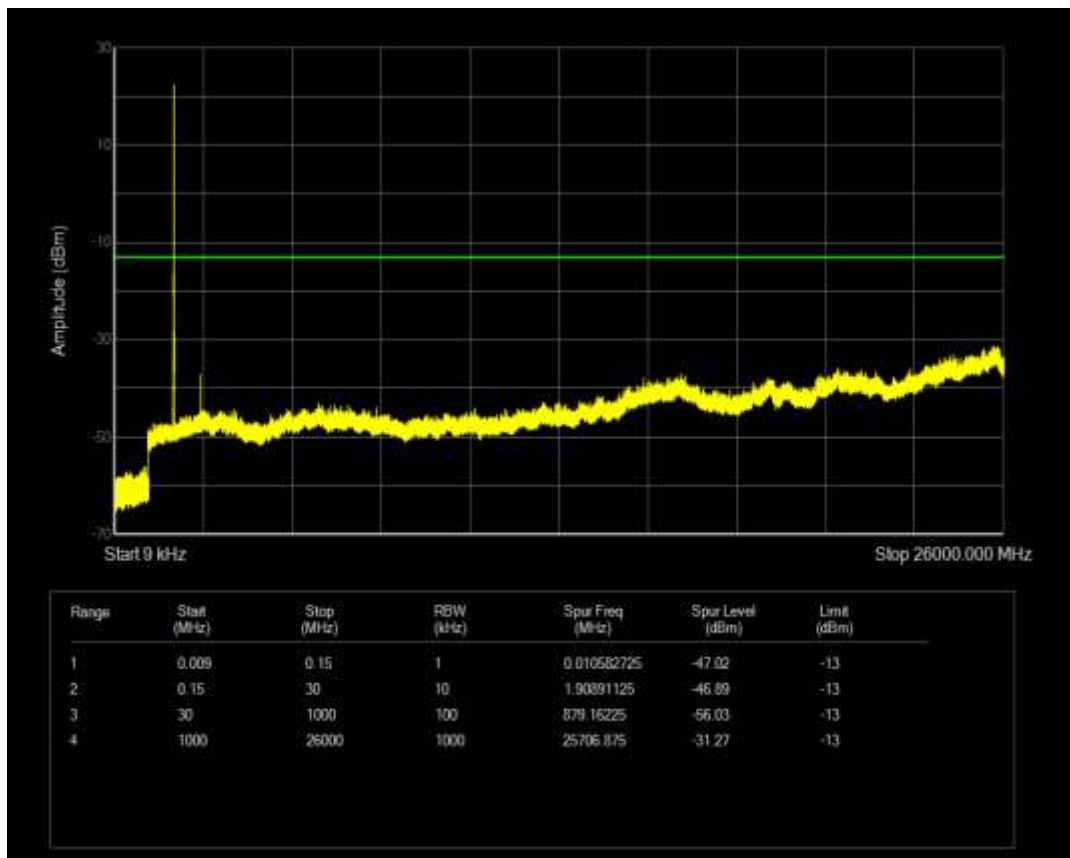
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



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



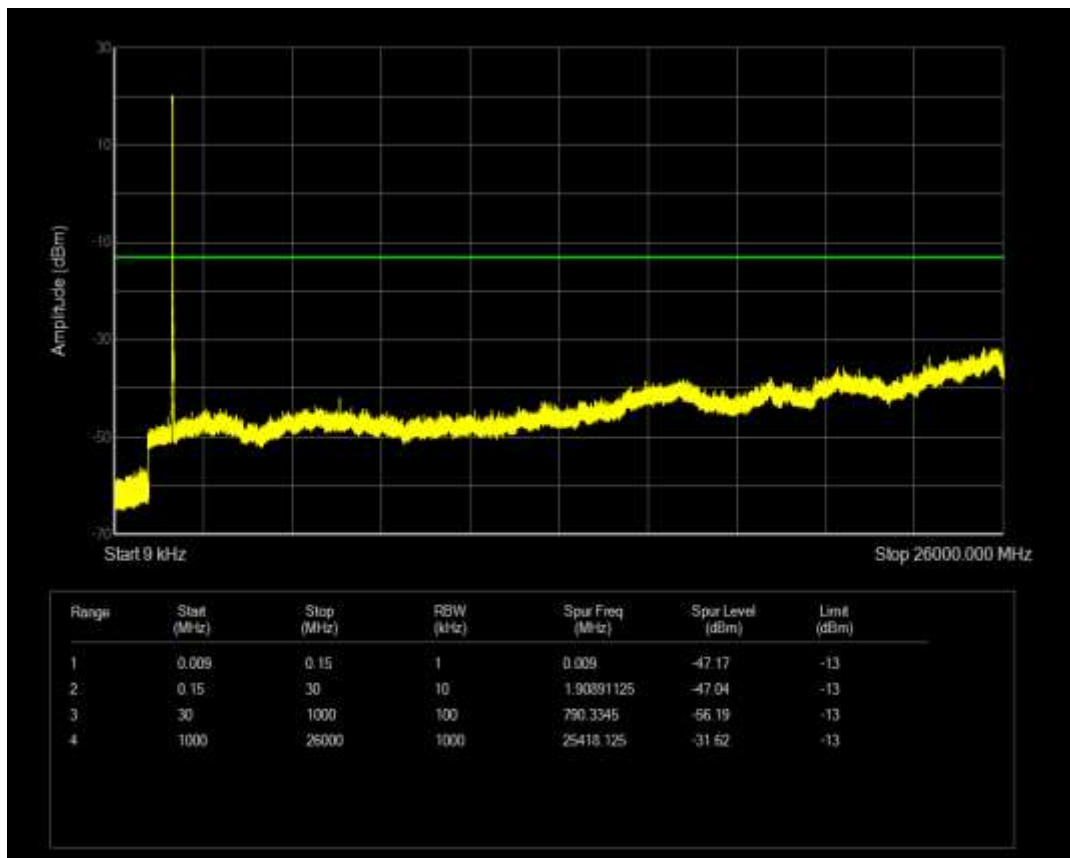
Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0



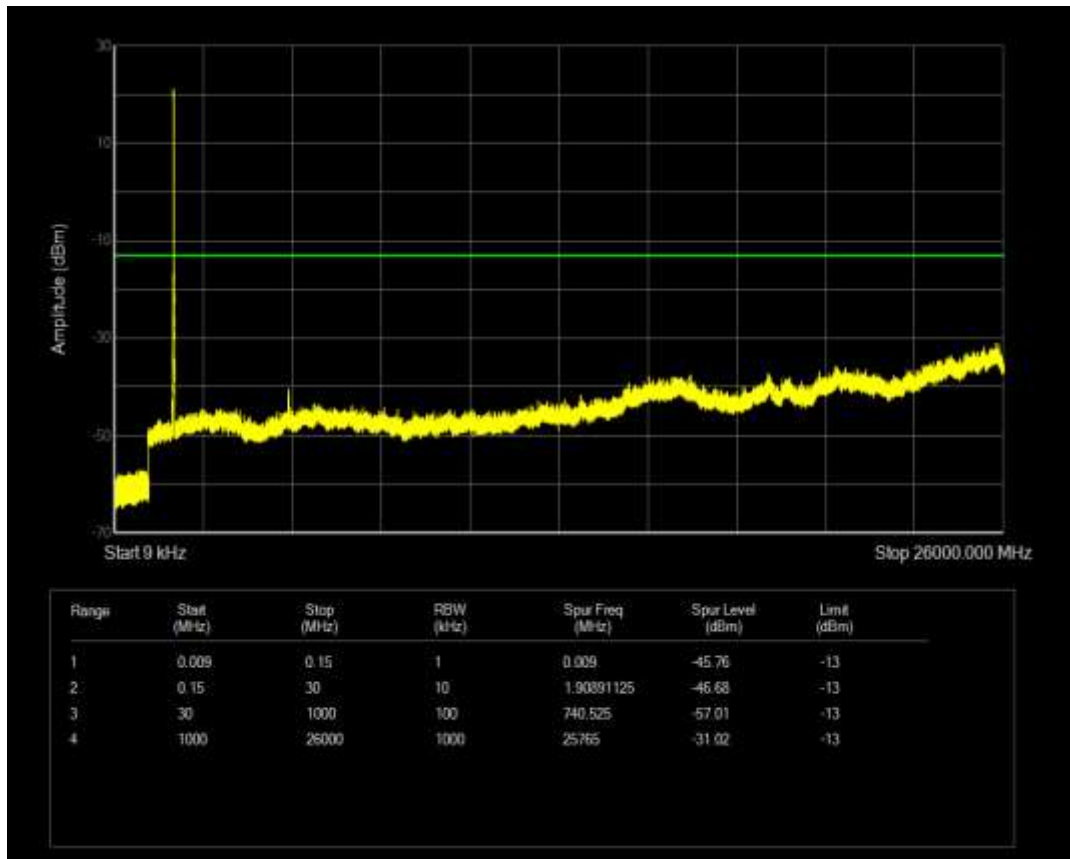
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



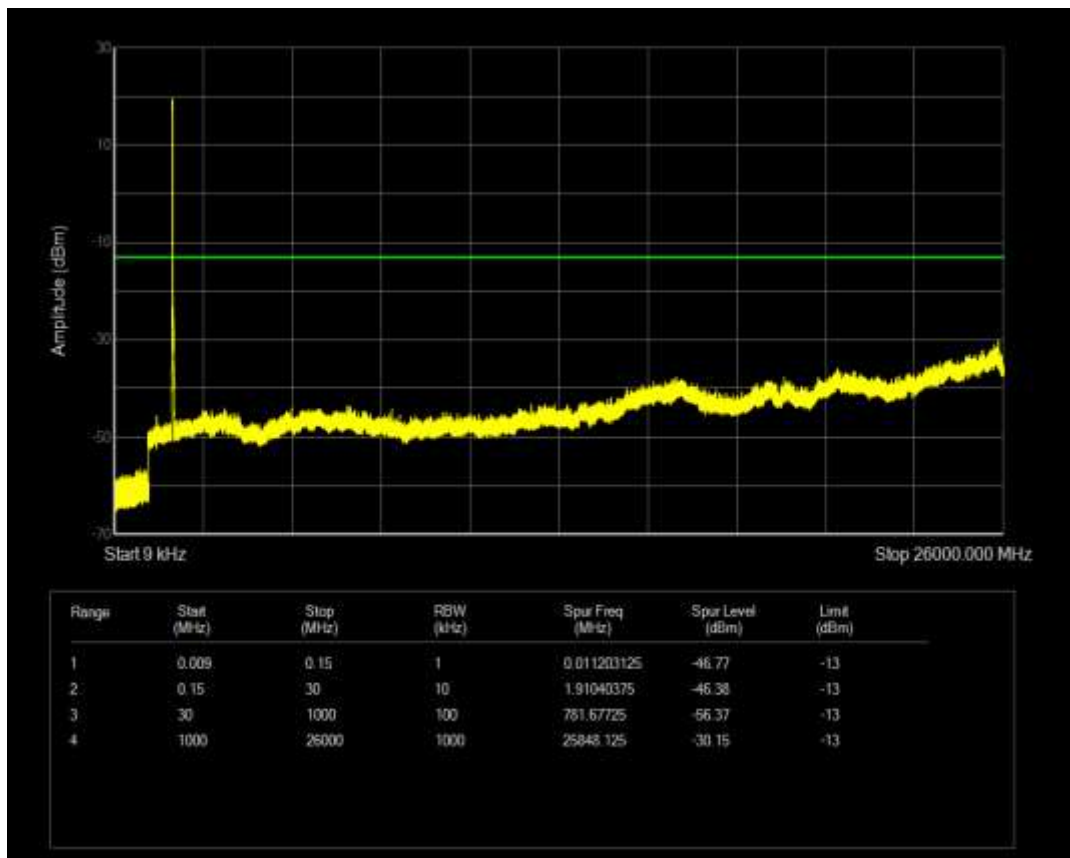
Band4 QAM16 BW=10MHz Channel=20000 RB Size=50 Position=#0



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



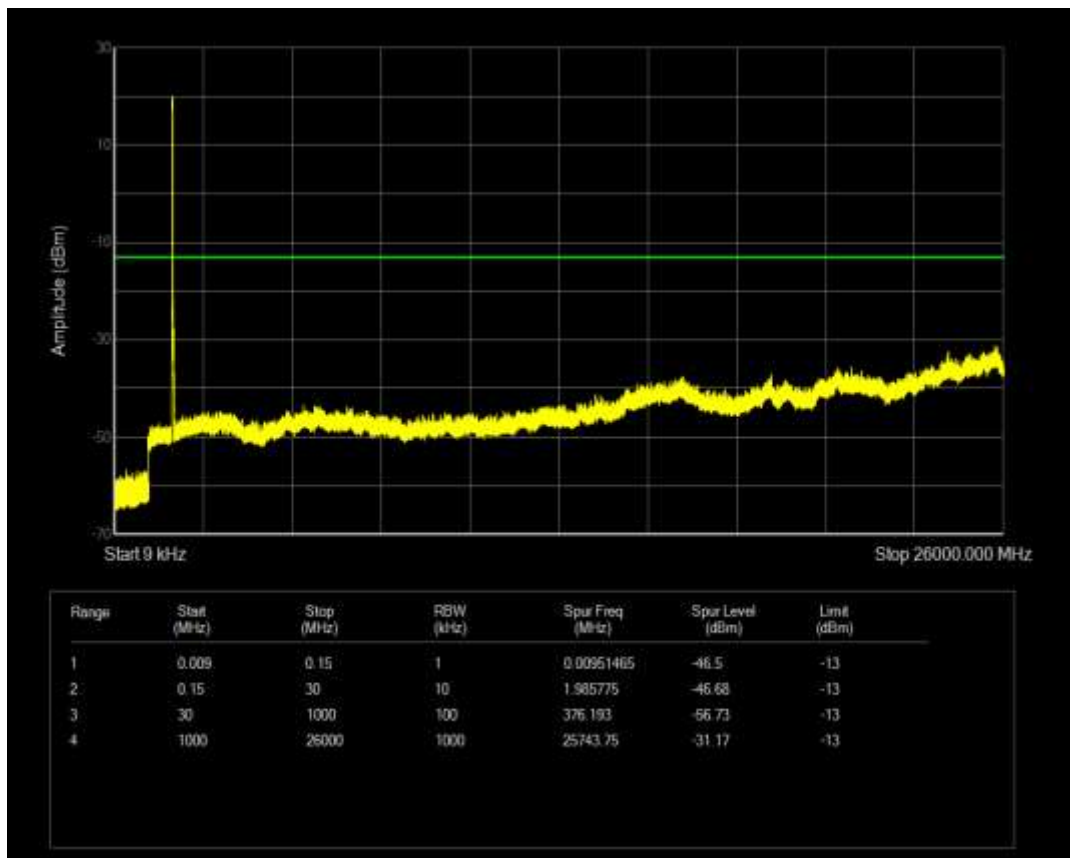
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



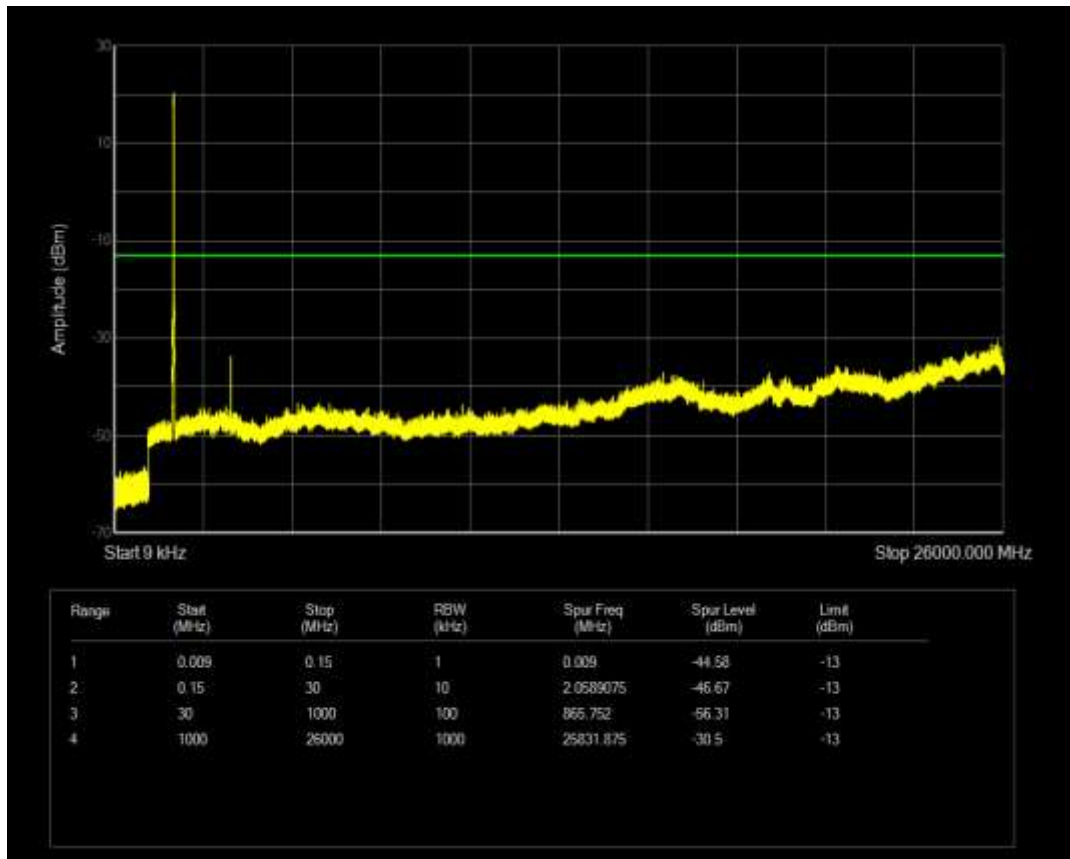
Band4 QAM16 BW=10MHz Channel=20350 RB Size=50 Position=#0



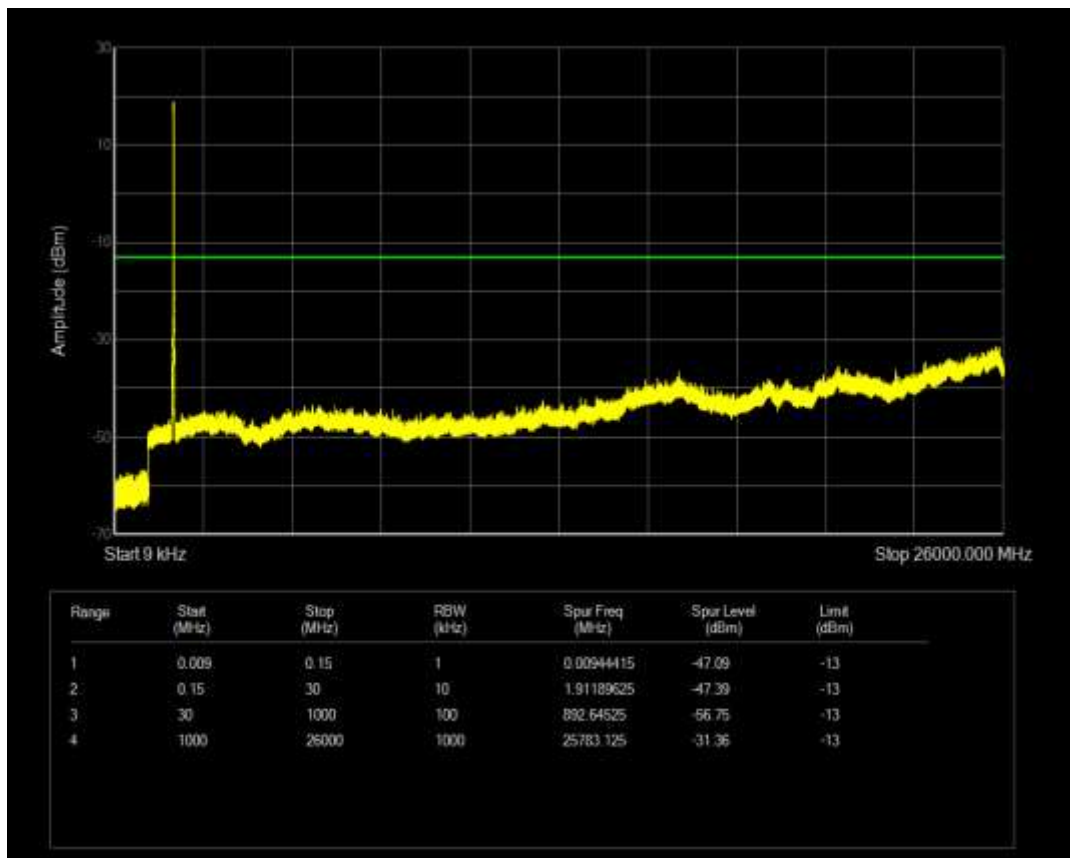
Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0



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



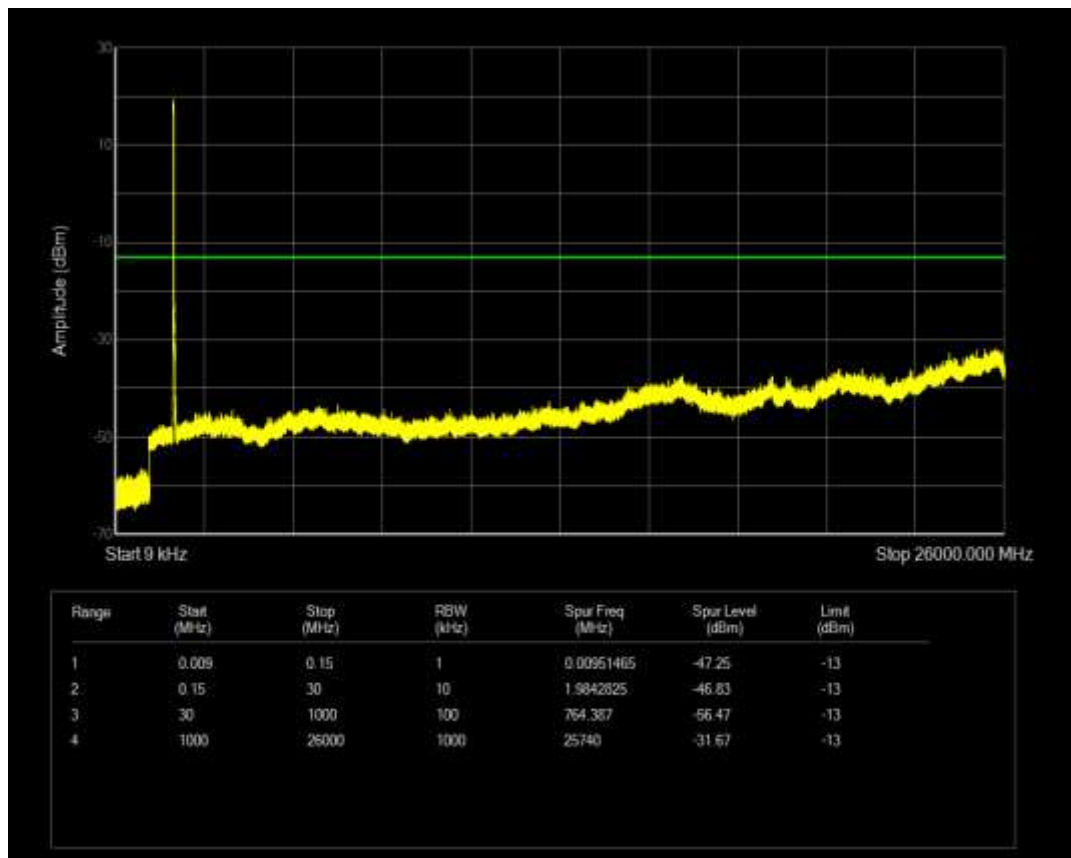
Band4 QAM16 BW=15MHz Channel=20325 RB Size=75 Position=#0



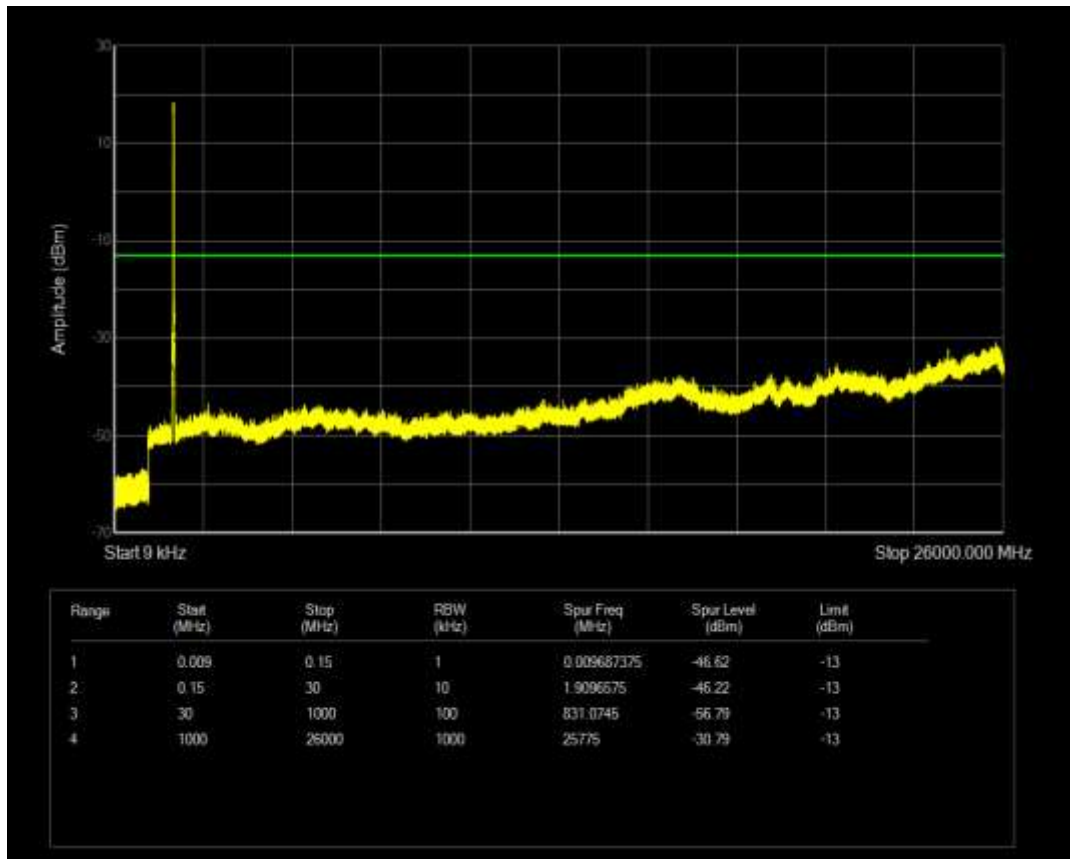
Band4 QAM16 BW=20MHz Channel=20050 RB Size=100 Position=#0



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



Band4 QAM16 BW=20MHz Channel=20300 RB Size=100 Position=#0



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

